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U.S. Department of Agriculture.

SEED BOOK

1916



FIELD OF SELECT SOUTHPORT RED GLOBE ONION FOR SEED

W. H. BOFFERDING Co.

SEEDSMEN & FLORISTS

MINNEAPOLIS, - MINNESOTA

FLOWER DEPARTMENT



BRIDE'S SHOWER BOUQUET

We maintain a thoroughly up-to-date Flower Store, and our equipment for filling orders for local and outside delivery is unexcelled. Telephone, telegraph and mail orders for

Cut Flowers,

Wedding Bouquets,

Funeral Sprays and
Designs,

Bride's Shower Bouquets,

Wedding and Table
Decorations, etc.

are always given prompt and careful attention. Masonic and other Society or Secret Order Floral Emblems a specialty. Cut Flowers and Designs shipped by express to any point, within reasonable distance, guaranteed to arrive fresh and in good condition. Reliable correspondents in all chief cities of this country enable us to fill orders for quick delivery at distant points with certainty and dispatch.

W. H. BOFFERDING COMPANY

QUALITY AND SERVICE

FLOWERING PLANTS.

| | Each | Doz. |
|---|--------|--------|
| Asters. Mixed colors. .... | .... | \$0.25 |
| Asters. Mixed colors, in pots. .... | .... | .50 |
| Coleus. Green, red and variegated. | \$0.10 | .75 |
| Canna, King Humbert. Red leaved. | .20 | 2.00 |
| Canna. Green leaved. | .15 | 1.50 |
| Daisy. English mixed. .... | .... | .25 |
| Daisy, Marguerite. In pots. | .15 | 1.50 |
| For-Get-Me-Nots. In pots. | .10 | .75 |
| Geraniums. Red, white, pink. | .20 | 2.00 |
| Hollyhocks. Mixed colors. | .25 | 2.50 |
| Marigold. French, in pots. | .10 | .75 |
| Pansies. Mixed colors. .... | .... | .35 |
| Petunias. Single and double. | .15 | 1.50 |
| Salvia. In pots. | .10 | 1.00 |
| Vincas. Green and variegated. | .25 | 2.50 |

W. H. BOFFERDING COMPANY'S

Seeds, Bulbs, Plants, *and* Horticultural Requisites for Home and Market Gardens

Our constant aim is to furnish Seeds, Bulbs, and Plants of strictly first class quality at the lowest possible prices, and our reputation for handling the Best Things for the Garden and Farm is fully demonstrated every year by many flattering testimonials which we receive, and by the rapidly increasing demand for our goods. Our Seed Department embraces nearly all varieties that are desirable and of known value and we have endeavored to make our descriptions as accurate and helpful to the purchaser in making selections as possible.

INSTRUCTIONS TO CUSTOMERS.

HOW TO SEND MONEY. Remittances may be made by any of the following methods: Postal Money Order, Express Money Order, Bank Draft or Registered Mail. Stamps taken as cash when received in good condition.

FREE DELIVERY. At the prices quoted in this catalog, we deliver all vegetable and flower seeds in packets, ounces and $\frac{1}{4}$ -pounds free to any post office in the United States. Seeds in bulk, Implements, Fertilizers and Insecticides will be sent by freight or express at purchaser's expense, unless otherwise instructed.

SEEDS IN PACKETS. We offer the following inducements to those wishing to purchase seeds in packets: Select packets to the value of \$1.15 and send us \$1.00; for \$2.35 send \$2.00; for \$3.60 send \$3.00; for \$4.85 send \$4.00; for \$6.15 send \$5.00. The seeds will be sent by mail, postpaid, but these low rates apply **to seeds in packets only and at catalogue prices and not to seeds by weight or measure.**

SEEDS BY PARCEL POST. Seeds, Bulbs and Plants are now included in the Parcel Post System and can be sent at the same rate as other merchandise. Sending seeds by mail has always been a very important branch of our business, and with our excellent equipment, location and the advantages of Parcel Post we are prepared to give our customers better service than ever before. All orders are filled promptly and carefully the day they are received in most cases. Your postmaster or rural carrier will tell you the Parcel Post Zone in which your post-office is located and will also give you the rate from Minneapolis.

SEEDS BY MEASURE AND WEIGHT. Half-pounds are supplied at pound rates; less than half-pound lots are charged at ounce, two-ounce or quarter-pound rates; half-pecks at peck rates; half-bushels at bushel rates. No charge for boxes, bags or barrels.

WHEN TO ORDER SEEDS. We cannot emphasize too strongly the great necessity of **ordering early.** Try to make out and send in your order as soon as possible after receiving the Catalogue. In this way you will avoid the rush during the very busy months of Spring near Seed-time; it will be a great convenience to us and will give you every advantage.

HOW TO ORDER SEEDS, ETC. Purchasers will greatly oblige us by writing out their orders on the sheets we enclose for that purpose with each Catalogue; it greatly facilitates our work. **It is most important that the full name and address be given, and plainly written.** Often we receive orders with neither name nor address attached, and delays which we are powerless to avoid occur in consequence. **Full shipping directions should be given us,** stating distinctly whether large quantities are to be sent by express or freight, otherwise we must use our own judgment regarding the best route. Give name of Express Company or Railroad running to your place or Stage Route.

If goods, notice of shipment or acknowledgment of order are not received within a reasonable time, it may be assumed that the order has been miscarried or the name and address omitted. In such case notify us at once, giving your name and address and the list of some goods ordered, so we will be able to check it up correctly and speedily.

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

W. H. BOFFERDING COMPANY

1221 Washington Ave. No.

Minneapolis, Minn.

January 1st, 1916.

To Our **Onion Growing Friends**

We take pleasure in presenting you with a short description of the leading varieties of Onions now grown as a crop in the principal northern onion producing states.

The business of growing Onions in a large commercial way has, within the past few years, assumed vast proportions, many thousands of acres of land being devoted to this purpose, giving employment to a great many people. Along with this increase in acreage has come a marked improvement in methods of growing, cultivating and handling the crop. Formerly, almost any type of Onion was good enough and the crop was gathered, loaded into cars and shipped away with little regard to sorting or grading and the grower was quite content to get anywhere from twenty to thirty cents a bushel for his crop. At present the day, however, with keen competition from a larger acreage has come a demand for better types of Onions, more care in growing and handling the crop, and along with it better prices for better stock.

We Specialize in Onion Seed

One of, if not the most important considerations in growing a crop of Onions is the item of seed. No seed is too good and the matter of price you pay for it is of small importance compared with the results obtained.

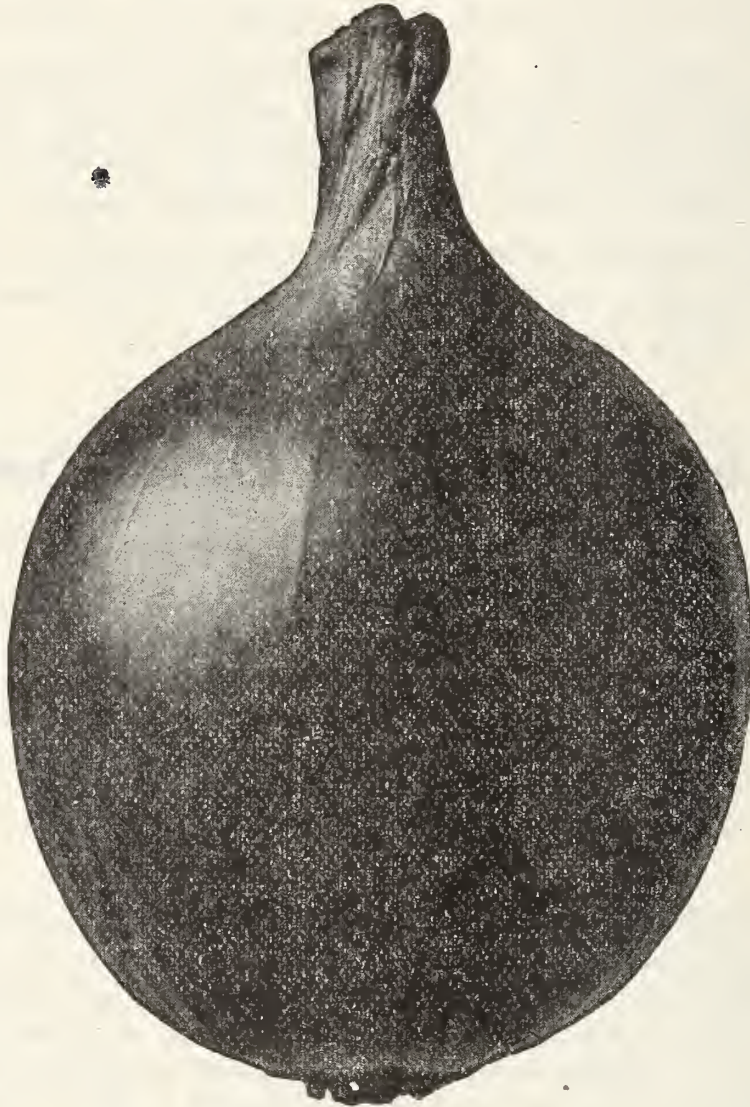
The seed we offer is all grown from carefully selected, hand-sorted bulbs, and is as near perfection as years of experience, coupled with painstaking care and skillful selection can make it, and, we believe, is unsurpassed in this country. Not only does our seed germinate well and make a heavy yield, but will, with proper soil and cultivation, produce a crop of well formed highly colored Onions as well, Onions which will make good storage stock and bring the top of the market in price.

If you buy **W. H. BOFFERDING CO.'S ONION SEED**, and have good Onion soil to start with, and give due attention to cultivation, you should have a model crop of Onions. While the seed is of first importance in Onion growing, it requires more than seed alone to make a crop. Several important elements enter into the production of a crop of perfect Onions, among one of the most essential being a high-grade fertilizer, and especially on muck land, one containing a goodly per cent of potash. Your soil should be well drained so as to avoid the possibility of an overflow, the weeds kept down while small and the growing crop thoroughly cultivated. When the crop is matured, the Onions should be harvested, crated and taken under cover if you wish good colored stock. Quite frequently we have complaints from growers, stating that their Onions are not as highly colored or as good in form as those of their neighbors, and usually attribute this defect to the seed alone. If they would take the trouble to look further into the matter, they would find that the cause of the neighbor's better stock was possibly that the water did not stand on his land, or that he handled his crop better during the growing season and at the harvest. Many a good crop we have seen ruined by lack of proper attention at harvest time, and many a good man have we seen trying to grow Onions on land better adapted to pumpkins. All muck land will not grow high-grade Onions and all people growing Onions are not Onion growers, and even the best of seed will not make them that, no more so than all soil and all men can grow scabless potatoes. If you buy your Onion seed of us, we will do our full share and furnish you seed which will give a good account of itself if given half a chance, but the grower must give it that chance.

Specialties for 1916

W. H. B. Co's

Selected Southport Red Globe Onion



THE ONLY RED ONION TO GROW FOR PROFIT.

With this type of Southport Red Globe, we first made our reputation in the large onion growing districts and we usually have a demand for the seed of this special variety far in excess of our ability to supply. Our growers have devoted a great deal of time and expense in perfecting the type of this Onion and it stands without an equal today.

It is a perfect, true Globe in shape, large, often running from three-fourths to a pound in weight, and of a fine, deep purplish red in color, and is not to be confounded with the small, light colored red onion often sent out under the name of Southport Red Globe. We know of no Onion more easily grown, more productive, or a better keeper than this sort. As to its yielding qualities, one of our customers reports 1,200 bushels per acre.

Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.25.



A Good, Clean Field of Onions

W. H. B. CO.'S SELECTED SOUTHPORT WHITE GLOBE.

Of all our American varieties of market onions, this sort, when well grown, generally commands the highest price. It has been no uncommon thing for a field of these onions to yield 600 bushels per acre and sell for a dollar a bushel from the field. The seed should be sown more thickly than with other sorts, say six to seven pounds per acre, thus producing a smaller onion, which is more desirable in the markets where the white onion is in most demand, an onion about the size of an egg being most popular. The greatest difficulty in growing white onions has been to maintain their paper white color while curing. If the onion is pulled before the tops die down, or when it has reached the proper size, topped and put into bushel crates and **cured under cover**, taking care that they are out of the sun, but having access to a free circulation of air, no trouble will be experienced in retaining their proper color.

We have a splendid type of Southport White Globe, a perfect globe in form, with a thin delicate skin of purest paper whiteness. The flesh is very crisp, fine grained, snowy white in color and exceedingly mild in flavor. **Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 1.00., lb. \$3.50.**

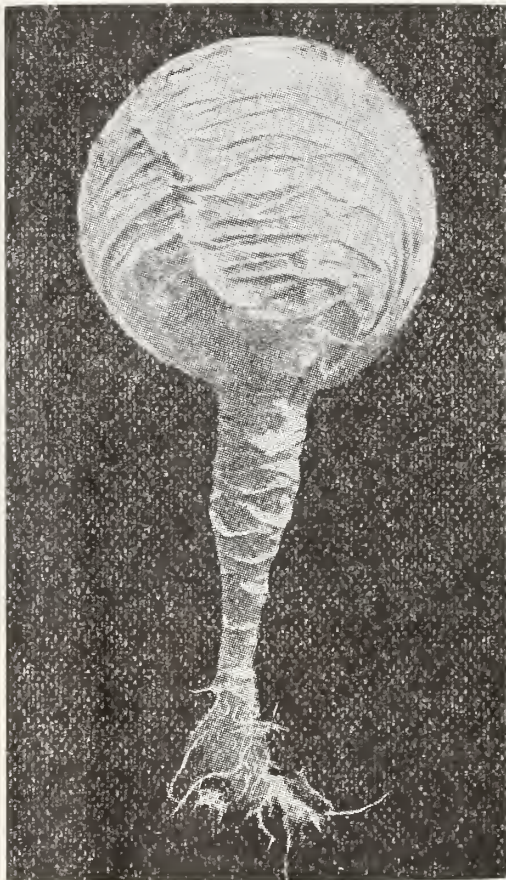
W. H. CO.'S SOUTHPORT YELLOW GLOBE ONION.

In the commercial onion growing districts of America, the Southport Yellow Globe Onion is undoubtedly more largely grown than any other variety, and because of its fine globe form, good color and excellent keeping qualities, always commands a better price in the market than the other less globular yellow sorts. Our experience is that this onion usually obtains an advance of five to ten cents per bushel over any other yellow variety.

Our seed of the Southport Yellow Globe produces the most uniformly high grade types on the market today, and will outyield other varieties and command a better price. The form is a true, deep globe, and will "bushel up" more per acre than any variety we are acquainted with. Not only has the onion a good depth but a small neck as well, which makes it cure down well and insures good keeping qualities and a freedom from "stiff necks." This onion is bred not to the light colored, thin skinned type so popular a few years ago, but rather to a deep yellow or golden brown color with a more thick, heavy skin, thus making it a much better keeper and shipper. **Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.25.**

Chinese Cabbage

This delicious vegetable should be more generally used. It is more easily grown than the ordinary cabbage, and when boiled with meat, it is much better than either cabbage or turnips. As a salad or cold slaw it is excellent. Every home garden should have a plot of Chinese cabbage. Grow it exactly as you do lettuce.



Hollander.



Chinese Cabbage.

Pkt. 10c., oz. 60c.

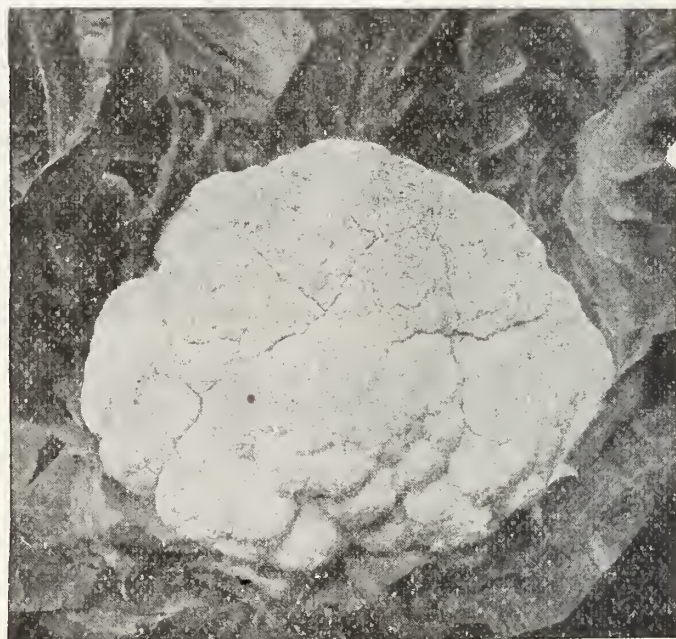
Cabbage---Hollander

Very hardy, handsome, of fine quality and is one of the very best keepers. It is particularly desirable for distant markets or for late spring use. Plants vigorous, compact growing, with longer stems than most American sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green, covered with whitish bloom. Heads medium sized, round, very solid and stand shipment better than any other late sort. We offer seed of our own contract growing, which, judging from recent trials, will produce more uniformly typical heads than can be grown from the best stocks obtainable elsewhere.

Pkt. 10c., oz. 40c., 2 oz. 80c., $\frac{1}{4}$ lb. \$1.50, lb. \$4.50.

Cauliflower

Early Snowball. Admirably adapted for forcing or wintering over for early crop and the most popular sort for these purposes. It is also one of the best sorts for late summer and fall crop, and with reasonably favorable conditions every plant will form large, solid head of fine quality. The plants are compact, with few narrow upright leaves and are well suited for close planting. The heads are solid, compact, round, very white and curd-like and are developed earlier than those of any other sort. In our recent comparative trials of samples from the best known growers and prominent seedsmen in Europe and America, our stock of Early Snowball were unsurpassed by any in earliness. They also give the largest percentage of well formed heads. We are in position to supply the most critical trade with seed which can be depended upon as the very best.



Early Snowball Cauliflower.

Pkt. 20c., oz. \$2.25, $\frac{1}{4}$ lb. \$8.00.

No. 473 Danish. Our own importation, seed grown by one of the foremost growers of Cauliflower seed in Denmark, a specialist in his line.

With proper soil and cultivation, this is sure to produce uniform large white heads. A reliable sort; one can trust to make good. Pkt. 20c., $\frac{1}{4}$ oz. 65c., oz. \$2.25, 2 oz. \$4.25, $\frac{1}{4}$ lb. \$8.00.

Radish



A most desirable sort for greenhouse and hot-bed forcing and for out-of-doors; very early, mild, crisp, juicy and tender; top small and will stand heat without becoming pithy. One of the best selling and most attractive radishes, on account of its handsome rich bright scarlet color. Is ready in 25 days. Our stock of this is the very best, selected with care as to size, shape, color and earliness, and market gardeners will find it a money maker; it is just right in every respect.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c.,

lb. 55c.; by express—

5 lbs. \$2.50

“LITTLE MARVEL” PEA,

This is a new dwarf wrinkled pea like American Wonder and Nott's Excelsior, but more productive than either, and fully as early. The pods are $2\frac{1}{2}$ to 3 inches long, plump, and filled right out to the ends. The vines grow only a little over a foot high and are covered with pods. The peas are deep green and of high quality.

This, we think, will become the most popular extra early dwarf pea for the home garden.

Pkt. 10c., lb. 25c., 2 lbs. 45c., pk. \$2.00.

SUTTON'S EXCELSIOR.

One of the best early dwarf peas we know of. Much like the well-known Nott's Excelsior, but has **larger pods**, vines grow a little taller and are **more prolific**, but the peas mature a day or two later. Valuable for either home use or market. The vines need no support. Those who want a dwarf pea that is **early and prolific**, with **large pods** and peas of **high quality**, will do well to use this variety.

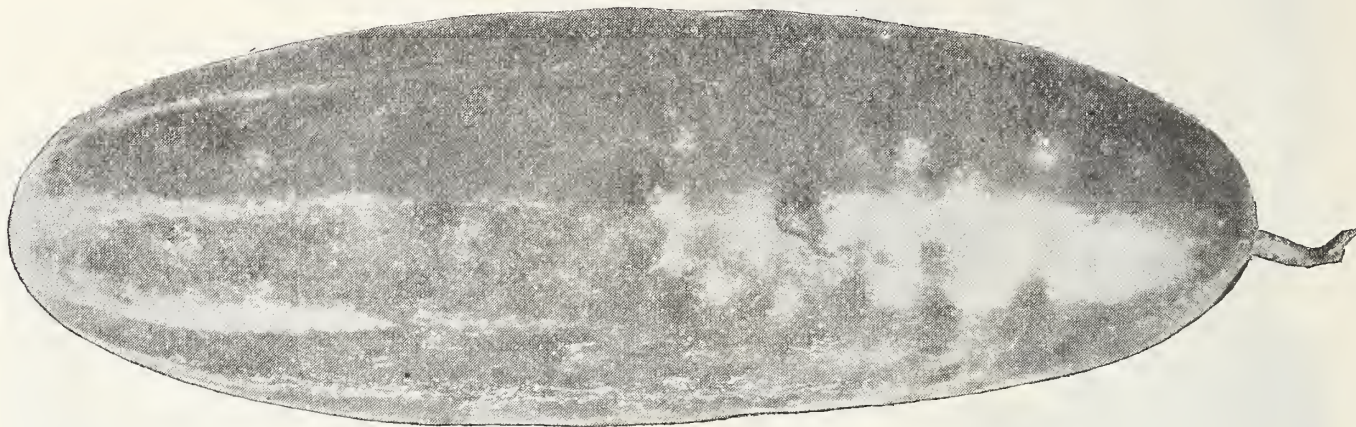
Pkt. 10c., lb. 25c., 2 lbs. 40c., pk. \$1.75.

PRINCE EDWARD.

A new variety with pods even larger than Alderman. The pods often grow nearly 6 inches long and are well filled with large peas of the very finest quality. Vines grow 4 feet tall and are fairly prolific. A grand variety for those who want the very largest and best peas that can be grown. Season medium late.

Pkt. 10c., lb. 25c., pk. \$1.75.

Cucumber



W. H. B. Co. Selected Davis

The plant is exceedingly productive and is distinguished by its vigorous growth and by having leaves which are a little larger than is found in the ordinary varieties and with a thick leaf texture which renders it less susceptible to plant diseases. In season it will compare very favorably with any of the early varieties of White Spine, while in every other characteristic it surpasses them all.

The fruits, when matured to the slicing stage, are uniformly $7\frac{1}{2}$ to 8 inches in length, slightly tapering toward each end and in outline an almost perfect circle, showing none of the depressions so characteristic of other types and which means bitterness. A cross section will show a very thick flesh which is firm yet crisp and with an exceedingly small seed cavity. In color it is a **very rich dark green**.

The **Select Davis** is beyond question the **best market and shipping Cucumber** in existence today. As a pickling variety the **Select Davis** is one of the very best.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Danish Sludstrup Mangel Beet



Danish Sludstrup.

This wonderful Mangel has been awarded a first class certificate several times by the Danish Government, which is the highest honor attained in agricultural circles in Denmark. And to obtain this special certificate is a very difficult undertaking.

Sludstrup is a long, reddish-yellow root, but not so long as the Mammoth long red, it grows more above the ground and is very easily harvested, requiring but little exertion to pull same, the sizes of the roots, like all other varieties, depend entirely upon circumstances, they are frequently grown to a size weighing from 15 to 20 pounds each. The Danish farmers prefer to grow them smaller, viz., 6 to 10 pounds each, which is accomplished by not allowing so much space in and between the rows, the smaller roots contain a higher percentage of dry matter, consequently the crop is more valuable than if the large roots are grown.

$\frac{1}{4}$ lb. 15c., lb. 45c., 5 lbs. \$2.00.

Choice Vegetable Seeds

Please notice that our prices are based on customer paying transportation charges, but when packets, ounces and quarter-pounds are wanted by mail we pay the postage. When larger quantities, such as pounds and quarts, are wanted by parcel post, add zone rate. **See Page 2 for Parcel Post Rate Table.** When not ordered by mail or express prepaid, as above described, we will ship by freight or express at purchaser's expense.

All Vegetable Seed, 5 cents per packet, unless otherwise noted.

ASPARAGUS.

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|--|--------|-------------------|--------|
| Palmetto. Very desirable, light green..... | \$0.08 | \$0.15 | \$0.50 |
| Conner's Colossal. A standard sort, very prolific and tender..... | .08 | .15 | .40 |
| Giant Argenteuil. French variety, stocks large and thick..... | .10 | .20 | .65 |

ASPARAGUS ROOTS.

| | |
|--|----------------|
| Palmetto. Strong two year roots..... | \$1.00 per 100 |
| Conner's Colossal. Strong two year roots..... | 1.00 per 100 |

BEANS.

Packet 10c.

Two pounds or one quart will plant 100 feet of drill. One to two bushels per acre.

All Beans Listed at Net Price.

Dwarf Green Podded Snap Beans.



| | Lb. | 2 lbs. | Pk. |
|--|--------|--------|--------|
| Bountiful. Extra early, very prolific, long flat pods; tender and stringless..... | \$0.25 | \$0.45 | \$2.50 |
| Dwarf Horticultural. Used as a green or shell bean..... | .25 | .45 | .... |
| Refugee Late, or 1000 to 1. For pickling; productive and tender..... | .25 | .45 | 2.50 |
| Refugee Extra Early. Fine early variety.... | .25 | .45 | .... |
| Stringless Green Pod. Extra early, stringless, light green, round pods..... | .30 | .55 | 2.50 |
| Valentine. Extra early, round thick pods, fine flavor..... | .25 | .45 | .... |

Dwarf Wax Beans.

| | | | |
|---|-----|-----|--------------|
| Black Wax, Improved. Very early, round pod, fine quality and stringless..... | .25 | .45 | 2.50 |
| Black Wax, Currie's Rust Proof. Long, flat and tender, early and productive..... | .30 | .55 | 3.00 |
| Black Wax, Pencil Pod. Long, slender, round pods..... | | | Crop failed. |

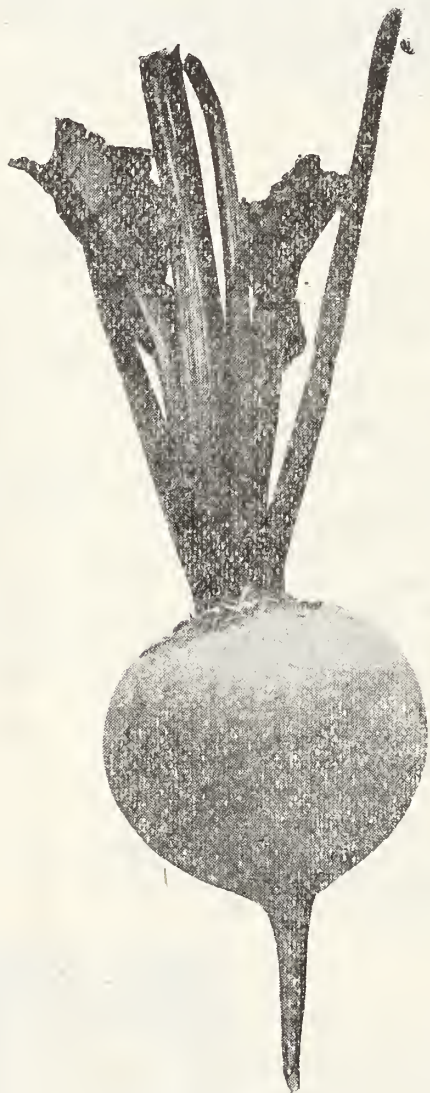
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|--|-----|-----|--------------|
| Davis Kidney Wax. Long, waxy white, flat pods..... | .30 | .55 | |
| Golden Wax Improved. Very early, flat pods, highly productive..... | .30 | .55 | 3.75 |
| Hodson Wax. A new variety, produces a long handsome yellow pod; prolific..... | .30 | .55 | .... |
| Triumph. New kidney wax, round pod, late and stringless..... | .30 | .55 | 3.75 |
| Wardwell's Kidney Wax. Early, very long, deep yellow flat pods..... | | | Crop failed. |

Golden Wax Beans.

We pay postage or express charges on all garden seeds bought by the packet, ounce or quarter-pound.

BEANS (Continued).

| Dwarf White Beans. | | Lb. | 2 lbs. | Pk. |
|---------------------------------|---|-----|--------|------|
| Fordhook Bush Lima. | Large pods and beans..... | .30 | .55 | 3.00 |
| Burpee's Bush Lima. | True bush form..... | .25 | .45 | 2.50 |
| New Wonder Lima. | White Lima, true bush..... | .25 | .45 | 2.50 |
| Pole or Running Beans. | | | | |
| Kentucky Wonder. | (Old Homestead.) Green pod, very long and nearly round..... | .25 | .45 | 2.50 |
| Kentucky Wonder Wax. | Yellow wax pods, fine quality..... | .30 | .55 | 3.50 |
| Lazy Wife. | Late, green pod, immensely productive..... | .30 | .55 | 3.00 |
| Scarlet Runner. | Popular ornamental flowering bean, flowers brilliant scarlet..... | .50 | .... | .... |
| King of the Garden Lima. | ..... | .25 | .45 | 2.50 |



Detroit Dark Red.

BEET.

| | | | | |
|----------------------------------|---|------------|--------------|------------|
| Crimson Globe. | Globular shape, deep crimson color | Oz. \$0.10 | ¼ lb. \$0.30 | Lb. \$1.00 |
| Detroit Dark Red, Turnip. | Standard market variety; round, skin dark blood red, flesh bright red | .10 | .30 | 1.00 |
| Early Blood Turnip. | Turnip shaped, dark red, tender and sweet..... | .10 | .30 | 1.00 |
| Eclipse. | Early, round, bright red..... | .10 | .30 | 1.00 |
| Egyptian, Extra Early. | The earliest, small, deep red, turnip shaped..... | .10 | .30 | 1.00 |
| Egyptian, Crosby's. | An improvement on extra early Egyptian, but more spherical..... | .15 | .35 | 1.25 |
| Swiss Chard. | The leaves of this variety are used like spinach..... | .10 | .30 | 1.00 |
| Lucullus. | The largest and best variety of Swiss Chard..... | .10 | .30 | 1.00 |

MANGEL-WURZEL AND SUGAR BEET.**For Feeding Stock.**

| | | | | |
|---------------------------------|---|------|--------|--------|
| Sludstrup. | Long, reddish yellow, grows well above ground, easy to pull and very hardy. See page 8 for description..... | .... | \$0.15 | \$0.45 |
| Eckendorf, Giant Red. | Flesh firm and crisp, and of high feeding value. .... | .... | .15 | .45 |
| Eckendorf, Giant Yellow. | Same as above, only skin is yellow..... | .... | .15 | .45 |
| Mammoth Long Red. | Very large and exceedingly productive; color deep red..... | .... | .15 | .35 |
| Half Sugar Mangel. | Heavy yielder and rich in sugar; flesh white; easily pulled..... | .... | .15 | .40 |

BRUSSELS SPROUTS.

| | | | | |
|-----------------------------|--|-----|-----|------|
| Improved Half Dwarf. | Finest quality; heads grow very close..... | .15 | .40 | 1.50 |
|-----------------------------|--|-----|-----|------|

BROCCOLI.

| | | | | |
|--------------------|---|-----|-----|------|
| Snow White. | Forms heads very much like cauliflower, but is much harder..... | .30 | .90 | |
|--------------------|---|-----|-----|------|

We pay postage or express charges on all garden seeds bought by the packet, ounce or quarter-pound.

CABBAGE.**Early Varieties.**

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|---|--------|-------------------|------|
| Copenhagen Market. A new early Cabbage that will be found a very profitable one. Heads round, medium size and very solid and of fine quality, short stemmed. Pkt. 10c | \$0.35 | 1.25 | 4.00 |
| Early Jersey Wakefield. A popular early variety, heads solid and pyramidal in shape. | .30 | 1.00 | 3.00 |
| Charleston Wakefield. Very similar to the Jersey, but about ten days later, and slightly larger heads. | .30 | 1.00 | 3.00 |
| Henderson's Early Summer. Early, forms large flat heads, very desirable for early market. | .25 | .85 | 2.75 |
| Enkhuizen Glory. The largest and earliest round head Cabbage, large as late kinds and matures as early as Charleston Wakefield. | .30 | 1.00 | 3.00 |
| All Seasons. Best mid-summer and kraut Cabbage. | .30 | 1.00 | 3.00 |
| Succession. Very fine for either winter or summer use, one of the surest varieties to make a crop under average conditions. | .35 | 1.00 | 3.00 |
| Eureka. Extra early. The earliest flat head cabbage in cultivation. Seed sown under glass in February and transplanted will ordinarily produce a crop as quickly as Jersey Wakefield, but being of large size will prove more valuable than that variety. | .35 | 1.25 | 4.50 |

Late and Winter Varieties.

| | | | |
|---|-----|------|------|
| Hollander. Heads very solid and deep, medium size; in quality they have no superior and are better keepers than any other sort. Our stock is selected American grown and is the best obtainable. See page 6 for description. Pkt. 10c | .35 | 1.25 | 4.50 |
| Danish Ballhead. Heads solid, very round; a fine keeper and shipper; short stem; American grown. | .25 | .75 | 2.50 |
| Danish Ballhead. Grown in Denmark. | .20 | .60 | 2.00 |
| Mammoth Rock Red. Heads very large, color deep red through to center of head, with few outside leaves. A sure cropper. | .30 | .85 | 2.75 |
| Danish Stone Head. Heads very hard, color intensive red. A splendid red cabbage. | .35 | 1.25 | 4.50 |
| Stone Mason. Hard and a good keeper and shipping sort. | .30 | 1.00 | 3.50 |
| Chinese Cabbage. (Lung-ga-bak.) See page 6 for description. Pkt. 10c | .60 | .... | .... |

CARROT.

| | | | |
|--|-----|-----|------|
| Chantenay. French seed, selected stock. | .15 | .45 | 1.40 |
| Danver's Half Long. Rich orange color; good yielder. | .10 | .35 | 1.25 |
| Guerande or Oxheart. Very thick and short. | .15 | .45 | 1.50 |
| White Belgium. For stock feeding; heavy yielder. | .10 | .25 | .75 |
| Yellow Belgium. For stock feeding; heavy yielder. | .10 | .25 | .75 |

CAULIFLOWER.

| | | | |
|---|------|-------|------|
| Early Snowball. Standard variety. See page 6 for description. Pkt. 20c | 2.25 | 8.00 | .... |
| Danish Giant or Dry Weather. Drought resisting and larger than Snowball. Pkt. 20c | 2.50 | 9.00 | .... |
| No. 473. Danish. The prize winner. Pkt. 20c | 2.25 | 8.00 | .... |
| No. 888. Extra. Earliest of all, for forcing. Pkt. 25c | 3.00 | 10.00 | .... |

CELERY.

| | | | |
|--|------|------|------|
| Golden Self Blanching. French stock seed. Pkt. 10c | 1.75 | 5.50 | .... |
| White Plume. Popular because of its earliness and ease of culture Pkt. 5c | .35 | 1.00 | .... |
| Celeriac or Turnip Rooted Celery. Edible roots. | .25 | .... | .... |
| Celery Tape. For bunching. See page 35. | | | |

CHERVIL.

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|--|--------|-------------------|---------|
| Curled. Excellent for salads and for garnishing..... | \$0.15 | \$..... | \$..... |

CRESS.

| | | | |
|---|-----|-------|-------|
| Fine Curled. (Pepper Grass.) Used in salads and for garnishing..... | .10 | ..... | ..... |
| True Water..... | .35 | ..... | ..... |

CORN SALAD.

| | | | |
|-------------------|-----|-------|-------|
| Large Seeded..... | .10 | | |
|-------------------|-----|-------|-------|

SWEET CORN.

Extra Early.

The legal weight on Sweet Corn in Minnesota is 48 lbs. per bushel.
Two pounds of Sweet Corn plants 200 to 300 hills; 15 to 18 pounds will plant an acre.

| | Lb. | 2 lbs. | Pk. | Bu. |
|--|--------|--------|--------|-------|
| Early Mayflower. One of the best extra early varieties..... | \$0.25 | \$0.45 | \$1.75 | ..... |
| Golden Bantam. Deliciously sweet, color golden yellow, small ears..... | .20 | .35 | 1.75 | ..... |
| Peep-o-Day. Very sweet, color pearly white, small ears..... | .20 | .35 | 1.50 | ..... |
| Early Minnesota. Standard variety, large ears; very productive. | .20 | .30 | 1.25 | 4.00 |
| Mammoth White Cory. Ears double the size of the old Cory.. | .20 | .35 | 1.35 | 5.00 |
| Crosbys' Early. Good early sort..... | .20 | .35 | 1.50 | 5.00 |

Second Early Varieties.

| | | | | |
|--|-----|-----|------|------|
| Early Evergreen. Main crop sort. Earlier than Stowell's..... | .20 | .30 | 1.25 | 4.00 |
| Perry's Hybrid. Early, large ears; very productive..... | .20 | .30 | 1.25 | 4.00 |
| Bantam Evergreen. New yellow. For description see page 8... | .25 | .45 | 2.00 | .... |

Late Varieties.

| | | | | |
|---|-----|-----|------|------|
| Stowell's Evergreen. One of the most popular varieties..... | .20 | .30 | 1.25 | 4.00 |
| Zig Zag Evergreen. A favorite with canners..... | .20 | .30 | 1.25 | 4.00 |
| Country Gentleman. Sweetest of the late sorts; ears large, small cob and very deep, clear, white kernels..... | .20 | .30 | 1.25 | 4.00 |
| Black Mexican. Very sweet; turns white when cooked..... | .20 | .30 | 1.35 | 4.50 |

EGG PLANT.

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|--|--------|-------------------|--------|
| Improved New York Spineless. The standard, largest and best; oval, deep purple, early and productive..... | \$0.35 | \$1.25 | \$.... |
| Black Beauty. As large as the New York Improved, but about ten days earlier; very rich purplish black..... | .40 | 1.50 | .... |

ENDIVE.

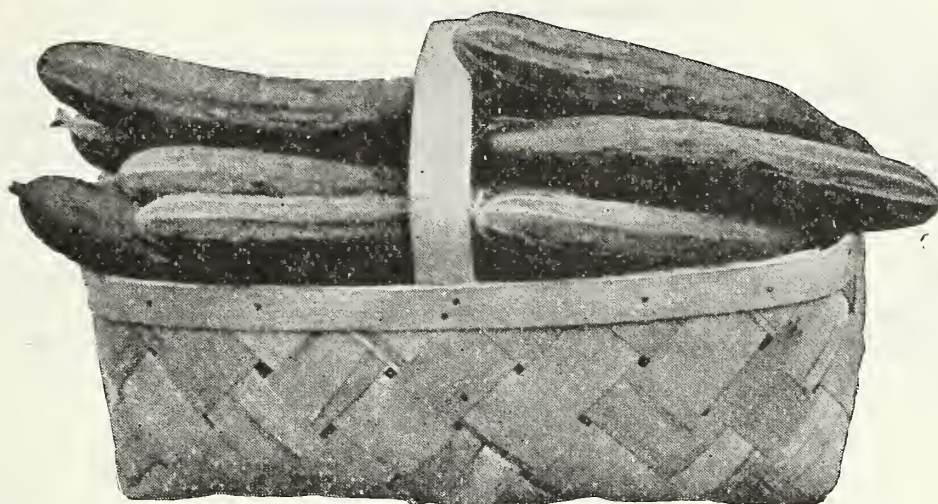
| | | | |
|--|-----|-----|------|
| Large Green Curled. Fine for fall and winter..... | .15 | .40 | .... |
| White Curled. For early use. Leaves need no blanching..... | .15 | .40 | .... |
| Broad Leaved Batavian. Leaves broad and thick, when blanched makes a fine salad..... | .15 | .40 | .... |

KALE OR BORECOLE.

| | | | |
|--|-----|-----|------|
| Curled Dwarf Green Scotch. Very dwarf, spreading variety..... | .15 | .35 | .... |
| Curled Tall Green Scotch. Grows to a height of about three feet..... | .15 | .30 | .... |

We pay postage or express charges on all garden seeds bought by the packet, ounce or quarter-pound.

CUCUMBER.



W. H. B. Co. Selected Davis Cucumber

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|--|-----|-------------------|--------|
| W. H. B. Co. Selected Davis. Fine for forcing or for outdoors. The fruit is long and straight, splendid quality and fine color; very valuable for slicing. \$0.15 | | \$0.35 | \$1.25 |
| Davis. Regular stock. | .10 | .30 | 1.00 |
| Extra Long or Evergreen White Spine. A beautiful, large and well shaped Cucumber. | .10 | .30 | 1.00 |
| Improved Long Green. Long and crisp; a popular variety for pickles. | .15 | .40 | 1.25 |
| Ak-Sar-Ben. One of the finest strains of White Spine Cucumber. Fruit uniform in size, color dark green. | .10 | .30 | 1.00 |
| Boston Pickling. Very productive. Grown largely for pickles. | .10 | .25 | .90 |
| Chicago Pickling. Deep green; prolific; color bright green. | .10 | .25 | .90 |
| Jersey Pickling. Prolific, crisp and tender. | .10 | .25 | .90 |
| Japan Climbing. A vigorous grower, can be trained on a trellis; color dark green; flesh white, crisp and tender. | .15 | .... | .... |
| Snow Pickling. An early maturing, very small, dark green Cucumber; cylindrical, square ended, and very popular with many growers. | .10 | .30 | 1.00 |

KOHL RABI.

| | | | |
|--|-----|-----|------|
| Early White Vienna. Favorite market sort; flesh white and tender. | .20 | .60 | .... |
| Large Green. Hardy; late; light green; used for stock feeding. | .15 | .40 | .... |

LEEK.

| | | | |
|---|-----|-----|------|
| Large American Flag or Broad London. Hardy and productive. | .20 | .65 | |
|---|-----|-----|------|

LETTUCE.

Heading Varieties.

| | | | |
|---|-----|-----|------|
| Big Boston, Improved. Fine for forcing or open ground. | .15 | .45 | 1.50 |
| Big Boston. Regular strain. | .10 | .35 | 1.25 |
| Hanson, Improved. Very large and solid, tender and of fine quality. | .10 | .35 | 1.25 |
| May King. Large, round, solid heads, rich yellow center. | .15 | .45 | 1.50 |
| Market Gardeners Private Stock. A selected strain, large solid heads, favorite with market gardeners. | .10 | .35 | 1.25 |
| Prizehead. A large loose headed variety, leaves are bright green, tinged on the edges with reddish brown and are crisp and tender. | .10 | .35 | 1.25 |
| Salamander. Large solid heads, bright green in color, leaves thick, smooth and tender. | .10 | .35 | 1.25 |

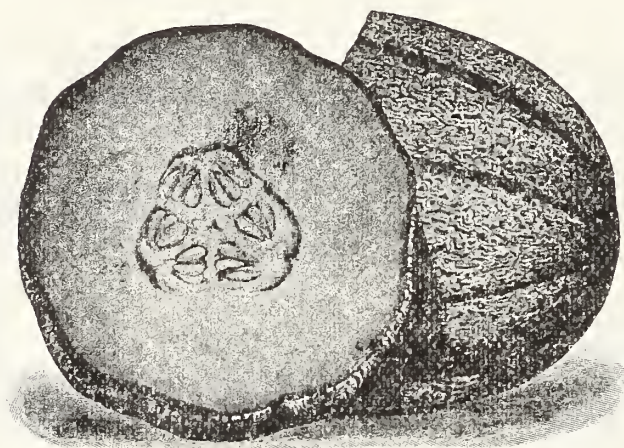
We pay postage or express charges on all garden seeds bought by the packet, ounce or quarter-pound.

LETTUCE (Continued).**Loose Leaved Varieties.**

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|--|--------|-------------------|--------|
| Grand Rapids Forcing. The most popular variety for greenhouse planting; makes quick growth and is large and tender..... | \$0.10 | \$0.35 | \$1.25 |
| Black Seeded Simpson. An attractive, loose leaved variety of excellent quality, fine for outdoor culture..... | .10 | .30 | 1.00 |

ROMAINE OR COS LETTUCE.

| | | | |
|---|-----|-----|------|
| Giant White Cos. Leaves produce loose self-folding heads, unequalled for flavor, crispness and tenderness..... | .15 | .45 | 1.50 |
|---|-----|-----|------|

MUSKMELON.**Green Fleshed.****Netted Gem.**

| | | | |
|---|-----|-----|------|
| Extra Early Citron. Fruits are round, ribbed and netted; flesh is thick and pale green in color..... | .10 | .30 | 1.00 |
| Extra Early Hackensack. Large, round and of good quality; a popular variety, early..... | .10 | .30 | 1.00 |
| Hackensack or Turks Cap. Later than extra early Hackensack..... | .10 | .30 | 1.00 |
| Rocky Ford. A very popular small melon, of most delicious flavor..... | .10 | .30 | 1.00 |
| Netted Gem. Round; very early; small and of fine flavor..... | .10 | .30 | 1.00 |
| Nutmeg. Sweet, green fleshed; named from its shape..... | .10 | .30 | 1.00 |

Yellow Fleshed.

| | | | |
|---|-----|-----|------|
| Osage. Yellow flesh, light green, netted skin..... | .10 | .30 | 1.00 |
| Paul Rose. Handsome oval variety, rich orange flesh, very sweet..... | .15 | .40 | 1.25 |
| Surprise. Oblong, rich orange flesh of fine quality..... | .10 | .30 | 1.00 |
| Yellow Meated Japan. Melons nearly round and finely netted, flesh extremely rich, sweet and highly flavored..... | .10 | .35 | 1.25 |
| Hoodoo. Small, round and well netted; fine flavor..... | .10 | .35 | 1.25 |

WATERMELON.

| | | | |
|---|-----|-----|------|
| Ice Cream or Peerless. Very early, red flesh, oval..... | .10 | .20 | .65 |
| Icing, Dark. Nearly round, solid, dark green skin, white seed..... | .10 | .20 | .65 |
| Icing, Light. Round, pink flesh..... | .10 | .20 | .65 |
| Kleckley's Sweets. Long, exceedingly sweet, dark green skin, flesh scarlet, solid and firm..... | .10 | .25 | .90 |
| Sweetheart. Very large, bright skin, fine quality..... | .10 | .20 | .65 |
| Tom Watson. Oblong in shape, large, dark green, flesh is deep red, crisp and of finest flavor..... | .10 | .30 | 1.00 |
| Citron, Green Seed. For preserving..... | .10 | .25 | .90 |
| Citron, Red Seed. For preserving..... | .10 | .25 | .90 |

OKRA.

| | | | |
|---|-----|-----|------|
| Perkins' Mammoth Podded. Very long pods..... | .10 | .25 | .... |
| While Velvet. Tender, long white pods..... | .10 | .20 | .... |

We pay postage or express charges on all garden seeds bought by the packet, ounce or quarter-pound.

ONION.

For description, see pages 3, 4 and 5.

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|---|--------|-------------------|--------|
| Southport Red Globe. Selected stock..... | \$0.20 | \$0.65 | \$2.25 |
| Southport Red Globe. Regular stock..... | .15 | .50 | 1.75 |
| Southport White Globe. Selected stock..... | .30 | 1.00 | 3.50 |
| Southport Yellow Globe. Selected stock..... | .20 | .65 | 2.25 |
| Michigan Yellow Globe..... | .20 | .65 | 2.25 |
| Yellow Globe Danvers..... | .20 | .65 | 2.25 |
| Prizetaker. Yellow Globe..... | .20 | .60 | 1.75 |
| Large Red Wethersfield..... | .20 | .60 | 2.00 |
| White Portugal. For sets and bunching..... | .30 | .85 | 3.00 |
| Queen. For pickling..... | .20 | .60 | 2.00 |

ONION SETS.

| | Lb. | 100 lbs. |
|-------------------------|--------|----------|
| Red Bottom..... | \$0.20 | .... |
| Yellow Bottom..... | .20 | .... |
| White Bottom..... | .20 | .... |
| Prizetaker, Yellow..... | .25 | .... |

Write for Bushel Prices.

PARSLEY.

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|-------------------------------|--------|-------------------|--------|
| Champion Moss Curled..... | \$0.10 | \$0.30 | \$1.00 |
| Plain. The ordinary form..... | .10 | .30 | .90 |
| Hamburg or Turnip Rooted..... | .10 | .30 | 1.00 |

PARSNIP.

| | | | |
|---|-----|-----|-----|
| Hollow Crown. Market Gardener's strain..... | .10 | .25 | .75 |
|---|-----|-----|-----|

PEAS.Two pounds plant 100 feet of row; $1\frac{1}{2}$ bushels for one acre.**Extra Early Variety****Packet 10c.**

| | Lb. | 2 lbs. | Pk. | Bu. |
|--|--------|--------|--------|--------|
| Alaska or Earliest of All. Height $2\frac{1}{2}$ feet..... | \$0.20 | \$0.35 | \$1.75 | \$5.75 |
| Thomas Laxton. Very prolific, pods are large and contain 7 or 8 large wrinkled peas of fine flavor. Height 3 feet..... | .25 | .45 | 1.75 | 6.50 |
| Gradus or Prosperity. Pods very large. Height 3 feet..... | .25 | .45 | 1.75 | 6.50 |
| American Wonder. Very early and productive. Height 1 foot.. | .25 | .40 | 2.00 | .... |
| Sutton's Excelsior. Larger than Nott's. Height 1 foot..... | .25 | .40 | 1.75 | 6.50 |
| First and Best. Height $2\frac{1}{2}$ feet..... | .20 | .35 | 1.65 | 5.75 |
| Little Marvel. The best for kitchen garden, larger than American Wonder. Height $1\frac{1}{2}$ feet. See page 7..... | .25 | .45 | 2.00 | 7.00 |

Main and Late Crop Peas.

| | | | | |
|--|-----|-----|------|------|
| Dwarf Champion. A dwarf form of the popular Champion of England. Height 2 feet..... | .20 | .35 | 1.75 | 6.50 |
| Carter's Daisy. Dwarf wrinkled, with large pods and peas. Height $1\frac{1}{2}$ feet..... | .20 | .35 | 1.75 | 6.50 |
| Prince Edward. The largest pod of any dwarf pea, resembling Telephone, but much larger. Height 3 feet..... | .20 | .35 | 1.75 | 6.00 |
| Telephone. Enormous pods and peas of best quality. Height 4 ft. | .25 | .45 | 1.75 | 6.00 |
| Alderman. Pods very large, the peas are wrinkled and of excellent flavor. This variety is a favorite with market gardeners. Height 4 feet..... | .25 | .45 | 1.75 | 6.00 |
| Melting Sugar. This is an edible podded variety. Height 4 feet | .25 | .45 | | |

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PEPPER.

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|--|-----|-------------------|------|
| Large Bell or Bull Nose. Large, bright red, used for pickling; mild flavor. | .25 | .75 | |
| Crimson Giant. Very large, bright scarlet; mild flavor..... | .45 | 1.50 | .... |
| Cayenne, Long Red. Bright red, slender pods; pungent..... | .25 | .75 | .... |
| Neapolitan. Very early and productive, large and sweet..... | .25 | .75 | .... |
| Red Chili. Small, red and pungent; prolific..... | .25 | .75 | .... |
| Ruby King. Bright red, mild; best for stuffing..... | .25 | .75 | .... |
| Chinese Giant. Largest, sweet pepper; bright scarlet | .40 | 1.50 | .... |

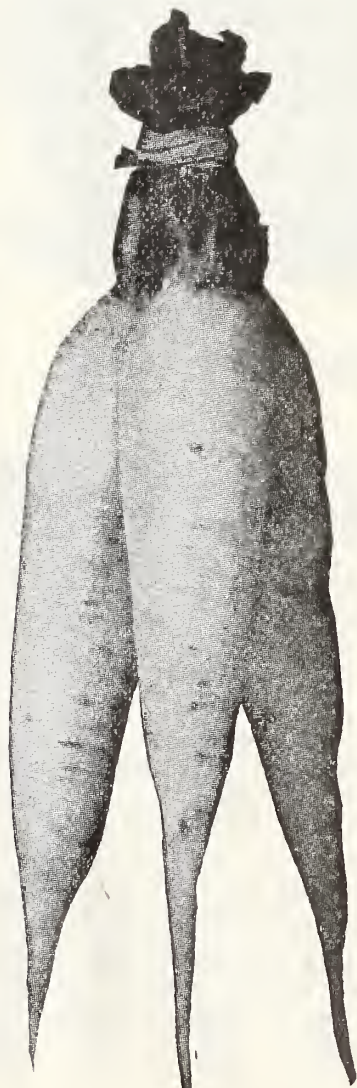
PUMPKIN.

| | | | |
|---|------|-----|------|
| Sugar or Pie. Small, yellow and prolific..... | .10 | .20 | .60 |
| Mammoth Prize. Grows to an enormous size..... | .10 | .30 | 1.00 |
| Golden Oblong. Light yellow flesh, fine quality..... | .10 | .25 | .75 |
| Connecticut Field. Grown for stock feeding..... | .... | .10 | .35 |

SEED POTATOES.

Carmen No. 1. Second early, white, very productive. Write for prices.
Rural New Yorker. Old standard. White, immense yielder. Write for prices.
Extra Early Ohio. An extra early sort. Almost round, few eyes. Write for prices.
Early Rose. Popular market sort. Big yielder. Write for prices.

RADISH.



Icicle.

| | | | |
|---|--------|--------|--------|
| W. H. B. Co.'s New Scarlet Globe. Fine for forcing or open ground..... | \$0.10 | \$0.15 | \$0.55 |
| Vicks Scarlet Globe. Rich scarlet color, almost round..... | .10 | .15 | .45 |
| Crimson Giant. Very large, crisp and solid. | .10 | .20 | .65 |
| Early Scarlet Turnip. Very early, crisp.... | .10 | .20 | .60 |
| Early Long Scarlet Short Top. Very long, crisp..... | .10 | .20 | .55 |
| Special Half White Scarlet Turnip. Scarlet with white tip..... | .10 | .25 | .65 |
| French Breakfast. Pink and White. Early. | .10 | .25 | .65 |
| Long White Vienna or Lady Finger. | .10 | .20 | .55 |
| Icicle. Pure white, fine flavor..... | .10 | .20 | .60 |
| Early White Giant Stuttgart. Very early and large..... | .10 | .25 | .75 |
| White Strasburg. Roots oblong tapering shape, pure white..... | .10 | .20 | .60 |

Winter Varieties.

| | | | |
|---|-----|-----|-----|
| China Rose. Bright rose color, crisp and pungent..... | .10 | .25 | .75 |
| California Mammoth. Pure white, very large..... | .10 | .25 | .75 |
| Round Black Spanish. An excellent sort for winter..... | .10 | .25 | .75 |
| Long Black Spanish. Very popular..... | .10 | .25 | .75 |

RHUBARB.

| | | | |
|---|-----|-----|------|
| Victoria. Very large late variety..... | .15 | .40 | 1.25 |
| Rhubarb Roots. Each 10 cents; dozen \$1.00 | | | |

SALSIFY.

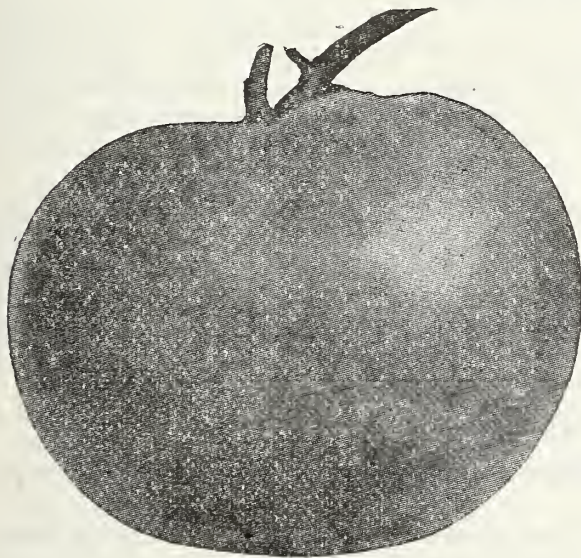
| | | | |
|---|-----|-----|------|
| Mammoth Sandwich Island. Very large variety, mild and delicate flavor..... | .15 | .50 | 1.50 |
|---|-----|-----|------|

SPINACH.

| | | $\frac{1}{4}$ lb. | Lb. |
|---|---------|-------------------|--------|
| Bloodsdales. Large curled and wrinkled leaves; tender..... | 10 lbs. | \$2.50 | \$0.10 |
| Long Season. Best hot weather sort grown. Leaves thick, very dark green..... | 10 lbs. | 2.50 | .10 |
| Long Standing. Dark green, leaves large and thick, very long standing..... | 10 lbs. | 2.00 | .10 |
| Prickley Winter. Planted in Fall or Spring..... | 10 lbs. | 2.00 | .10 |

SQUASH.

| | Oz. | $\frac{1}{4}$ lb. | Lb. |
|---|--------|-------------------|--------|
| Fordhook. One of the best winter sorts..... | \$0.15 | \$0.40 | \$1.35 |
| Delicious. Green skin, orange flesh, fine grained, sweet..... | .10 | .35 | 1.25 |
| Mammoth Chili. Grows to an enormous size..... | .10 | .30 | 1.00 |
| Hubbard, Chicago. Large, covered with warts..... | .10 | .30 | 1.00 |
| Summer Crookneck. Yellow, best for summer, warted..... | .10 | .25 | .75 |
| White Bush Scallop. Large, very early, splendid for market gardeners.. | .10 | .25 | .75 |



June Pink.

TOMATOES.

| | | | |
|---|-----|------|------|
| Acme. Medium size, smooth, purplish pink..... | .20 | .65 | .... |
| Beauty. Large, smooth, dark pinkish red..... | .25 | .75 | .... |
| Bonny Best. Very early, large, smooth and well colored..... | .25 | .75 | .... |
| Dwarf Champion. Early, medium size, purplish pink..... | .25 | .75 | .... |
| Earliana. Extra early, bright red, smooth..... | .30 | 1.00 | .... |
| Globe, Livingston's. Standard variety, very early, glossy rose color..... | .30 | 1.00 | .... |
| Golden Queen. Smooth, golden yellow, fine flavor, solid..... | .25 | .75 | .... |
| June Pink. A very early market sort. Medium size, smooth and of a bright pink color..... | .30 | 1.00 | .... |
| Morning Star. Small, round, color red. 85 days..... | .30 | 1.00 | .... |
| Peach. Fruits resemble a peach. Fine flavor..... | .30 | 1.00 | .... |
| Ponderosa. The largest variety in cultivation..... | .25 | .75 | .... |
| Red Rock. Best red variety, large, ripens evenly, very prolific..... | .40 | 1.50 | .... |
| Stone. Large, smooth, bright red. Late..... | .25 | .75 | .... |
| Red Cherry. Small, used for pickling..... | .25 | .75 | .... |
| Yellow Cherry. Small, used for pickling..... | .25 | .75 | .... |
| Yellow Plum. Small, used for pickling..... | .25 | .75 | .... |
| Yellow Husk or Ground Cherry | .25 | .75 | .... |

TURNIP.

| | | | |
|---|-----|-----|------|
| Extra Early White Milan. Pure white, crisp and tender..... | .15 | .45 | 1.50 |
| Extra Early Purple Top Milan. Earliest of all..... | .15 | .45 | 1.50 |
| Purple Top White Globe. Best for market..... | .10 | .20 | .60 |
| Purple Top Strap Leaf. Flat and of medium size..... | .10 | .20 | .60 |
| White Egg. Oval, very sweet, firm and mild..... | .10 | .25 | .75 |
| Yellow Stone. Fine, hard winter variety..... | .10 | .25 | .75 |

RUTABAGA.

Swedish Turnip.

| | | | |
|--|-----|-----|-----|
| American Purple Top. Large, for table or stock feeding..... | .10 | .15 | .50 |
| Bloodsdales Swede. Popular with market gardeners..... | .10 | .20 | .55 |

We pay postage or express charges on all garden seeds bought by the packet, ounce or quarter-pound.

SWEET HERBS.

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | Lb. |
|--|--------|--------|-------------------|--------|
| Anise. For flavoring..... | \$0.05 | \$0.20 | \$0.65 | .... |
| Balm. For culinary purposes..... | .05 | .30 | 1.00 | .... |
| Basil. For culinary purposes..... | .05 | .15 | .40 | .... |
| Borage. Used in salads..... | .05 | .10 | .30 | .... |
| Caraway. For flavoring..... | .05 | .10 | .20 | .... |
| Coriander. For flavoring..... | .05 | .10 | .20 | .... |
| Dill..... | .05 | .10 | .25 | \$0.75 |
| Fennel. Sweet medicinal herbs..... | .05 | .10 | .35 | 1.25 |
| Horehound. For medicinal purposes..... | .05 | .20 | .60 | .... |
| Lavender. For medicinal purposes..... | .05 | .20 | .60 | .... |
| Marjoram. Used in seasoning..... | .05 | .25 | .75 | .... |
| Saffron. Medicinal herb..... | .05 | .20 | .75 | .... |
| Sage. Used for seasoning..... | .05 | .15 | .40 | 1.25 |
| Savory. Summer, for seasoning..... | .05 | .25 | .75 | .... |
| Thyme. Used for seasoning..... | .05 | .40 | 1.25 | .... |
| Wormwood. Medicinal herb..... | .05 | .25 | .75 | .... |

VEGETABLE PLANTS.

| | | | | |
|--|--------|--------|-------|--------|
| Cabbage. Early and late varieties..... | doz., | \$0.15 | 100, | \$0.75 |
| Cauliflower. Snowball..... | doz., | .15 | 100, | 1.00 |
| Celery. Golden self-blanching..... | doz., | .15 | 100, | 1.00 |
| Chives. May 1st..... | bunch, | .10 | doz., | 1.00 |
| Egg Plant. June 1st..... | doz., | .50 | | |
| Garlic Bulbs..... | lb., | .40 | | |
| Horse Radish Roots. 2 year old..... | doz., | .15 | 100, | .75 |
| Mint Roots..... | doz., | .25 | 100, | 1.50 |
| Pepper..... | doz., | .25 | 100, | 2.00 |
| Tomato. Early and late varieties..... | doz., | .25 | 100, | 1.25 |

Packing charges are included in prices given, but purchaser must pay transportation.
Plants sent by express at purchaser's risk.

PERENNIAL PLANTS.

- Coreopsis, Lanceolata Grandiflora.** Valuable for cutting and decorating, constant bloom of rich bright yellow flowers; long stems; two feet.
- Shasta Daisy.** Flowers large and graceful, with two or more rows of white petals, yellow center; long time in bloom.
- Aquilegia or Columbine.** For borders and forming large permanent clumps; profuse bloomer and early.
- Larkspur.** Flowers deep indigo blue with white center. Three to five feet high, long blooming season.
- Foxglove.** This well known perennial should be in every garden. Thrives in cool, shady places.
- Canterbury Bells.** Handsome, easily grown herbaceous plants of stately branching growth and profuse bloom for beds and backgrounds; 2 to 3 feet.
- Pyrethrum.** Hybrids. Daisy-like flowers.
- Gailardia.** Showy bedding and border plant, remarkable for the profusion, size and brilliancy of their flowers, the gayest ornaments of the garden in summer and autumn.

15 Cents Each. Eight for \$1.35.

We pay postage or express charges on all garden seeds bought by the packet, ounce or quarter-pound.

RED CLAY FLOWER POTS.

| Inside measurement. | No. in crate. | Each | Dozen | 100 |
|---------------------|---------------|------|-------|--------|
| 2 inch | 2400 | 2c | 18c | \$.65 |
| 2½ " | 1470 | 3c | 20c | .85 |
| 3 " | 1100 | 3c | 25c | 1.25 |
| 4 " | 500 | 4c | 30c | 1.75 |
| 5 " | 170 | 5c | 50c | 3.50 |
| 6 " | 135 | 7c | 75c | 5.00 |
| 8 " | 44 | 15c | 1.55 | 12.50 |
| 10 " | 32 | 35c | 3.50 | |

Crates 35 cents extra.

"Black Leaf 40" (Nicotine Sulphate) spray for Aphis and other insects. 1 oz, glass bottle, 25c. ½ lb. can, 75c. 2 lb. can, \$2.50. Poison cannot be shipped by Parcel Post.

General List of Reliable Flower Seed

Our list of flower seeds has been carefully revised and comprises only the choicest and most select varieties in their respective classes, which we are certain will give excellent satisfaction.

Flower seeds for the most part being very small, require extra precaution in the preparation of the soil, depth of planting, and protection from extremes of weather. Do not, as a rule, plant in the open ground before the weather has become settled, or until about the middle of May. Before planting, the soil should be made very fine and be well fertilized.

The larger seeds may be planted one and a half to two inches deep; the very smallest seed should be planted barely under the surface, having fine earth sifted over them, and slightly packed with the hand, or a strip of board pressed upon it. A newspaper spread over the surface after planting and kept down with stones for a few days will retain the moisture and facilitate vegetation. Thin out the plants when very small, with a bold hand, and after they have attained the height of two inches, thin again boldly. Give each plant plenty of room, according to its habit of growth. A common mistake is to crowd too much.

The latter "A" annexed to the name of varieties signifies Annual, "B" Biennial, "P" Perennial.

Annuals grow, bloom and die the first year from seed. Biennials bloom the second year from seed and then die, though many, if sown early in the spring, will flower the first year, Perennials usually bloom the second year from seed, and continue to grow and bloom for many years.

All flower seeds sent POSTPAID at catalogue price.

Special rates when large amounts are ordered by clubs.

See our free packet offer on page 1.

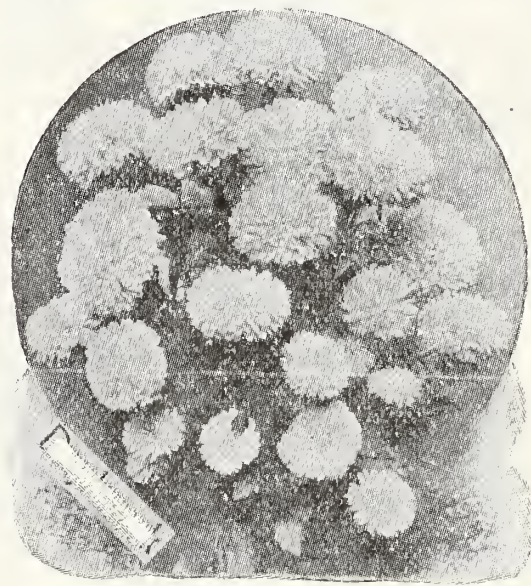
| | |
|--|----------------|
| ACHILLEA Ptarmica, Double, "The Pearl." Fine for florists for cut flowers; blooms all summer and fall..... | Pkt. .10 |
| ACROLINIUM. Everlasting Flower. A. | |
| Album..... | \$0.05 |
| Roseum..... | .05 |
| Red..... | .05 |
| ADONIS. Green foliage with scarlet flowers. H. A..... | .10 |
| AGERATUM. Splendid for border, blooms throughout the entire summer. | |
| Perfection Blue. Amethyst..... | .10 |
| White..... | .10 |
| Mixed..... | .10 |
| ALYSSUM. A. A very pretty border plant, blooms the entire summer. | |
| White..... | .05 |
| Little Gem. Very dwarf..... | oz. 60c .05 |
| AMMOBIUM. Alatum Grandiflorum. White. Pretty half hardy perennial everlastings. Easy culture; blooms all summer | .05 |
| ANTIRRHINUM OR SNAPDRAGON. P. Very showy plants for the summer garden, blooms the whole summer. | |
| Finest Mixed..... | .15 |
| ARABIS ALPINA. Hardy perennial for ornamental rock work and edgings..... | .10 |
| AQUILEGIA, Columbine. Grandiflora Alba..... | .10 |
| Coerulea Hybrida. Large flowered, long spurred..... | .15 |
| Jaetschaui. Large flowered, yellow, long red spurs | .10 |
| Skinneri. Handsome and distinct; crimson..... | .20 |
| Finest Mixed. Single..... | .10 |
| Finest Mixed. Double..... | .10 |
| California Hybrids | .10 |

ASTER A.

One of the best for cut flowers.

| | |
|--|----------------------------|
| QUEEN OF THE MARKET. Plants about one foot high, bearing from ten to fifteen finely formed flowers on long graceful stems, bloom very early. | |
| Dark Blue | ¼ oz. 25c., oz. 80c. .05 |
| Pink..... | ¼ oz. 25c., oz. 80c. .05 |
| White..... | ¼ oz. 25c., oz. 80c. .05 |
| Dark Scarlet..... | ¼ oz. 25c., oz. 80c. .05 |
| GIANT COMET. This class is one of the handsomest of all the tall growing sorts. The plants grow about 18 inches high and bear in great abundance their immense flowers. | |
| White..... | ¼ oz. 35c., oz. \$1.25 .10 |
| Pink..... | ¼ oz. 35c., oz. \$1.25 .10 |
| Mixed | ¼ oz. 30c., oz. \$1.00 .10 |

| | | |
|---|---|--------|
| VICK'S BRANCHING. Flowers extremely large with graceful, wavy petals borne on long stems. Plants are strong and of branching habit | | Pkt. |
| White..... | | \$0.10 |
| Pink..... | | .10 |
| Dark Blue..... | | .10 |
| Lavender..... | Separate colors, ¼ oz. 40c., oz. \$1.25 | .10 |
| Mixed..... | Separate colors, ¼ oz. 30c., oz. \$1.00 | .10 |
| GIANT JAPANESE. The flowers of this variety resemble the Japanese Chrysanthemum with its long, curved, fringe-like petals, giving a feathery appearance of immense size. | | |
| Light Blue..... | | .10 |
| White..... | | .10 |
| Pink..... | | .10 |
| Azure Blue..... | | .10 |
| Scarlet..... | | .10 |
| White Rose..... | Separate colors, ¼ oz. 45c., oz. \$1.50 | .10 |
| Mixed..... | Separate colors, ¼ oz. 35c., oz. \$1.25 | .10 |

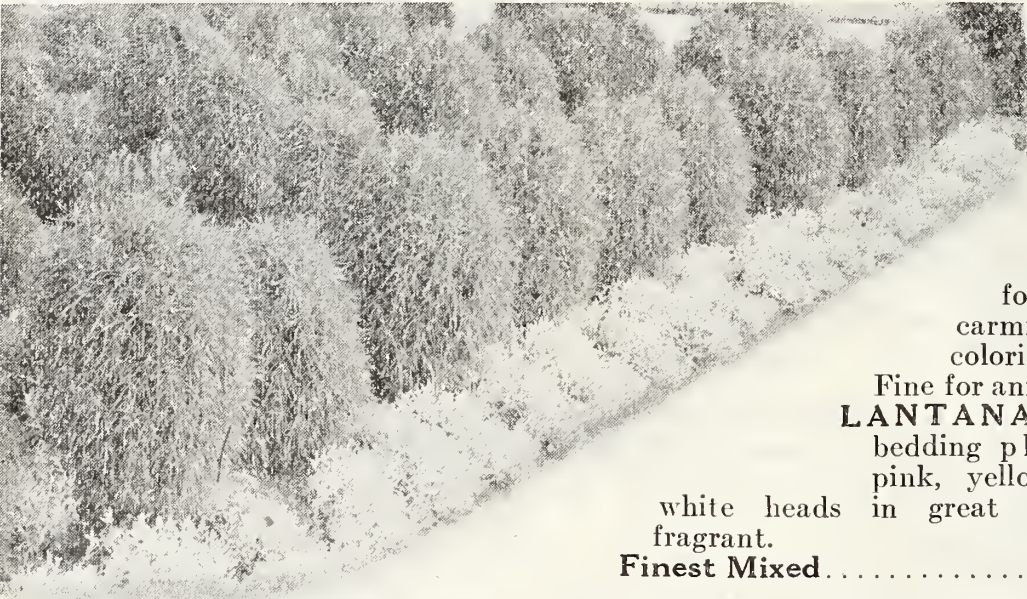


Aster.

| | | |
|---|--|-----|
| PAEONY-FLOWERED PERFECTION. One of the best midsummer asters, excellent for exhibition and valuable for commercial and private use. Flowers full double, usually measuring four inches across. | | |
| White..... | | .10 |
| Pink..... | | .10 |
| Mixed..... | | .10 |
| BALSAM. Lady Slipper. A. The flowers are very showy and easily grown, succeeding best in sunny places. | | |
| Double Mixed..... | | .05 |
| Camellia Flowered. Fine Mixed Flowers extra large, double..... | | .05 |
| CALLIOPSIS OR COREOPSIS. Charming summer flowering plants. | | |
| Annual..... | | .05 |
| Perennial..... | | .10 |
| CALENDULA. A. Excellent for beds, blooms all summer. | | |
| Meteor. Creamy center, edged with orange..... | | .05 |
| Prince of Orange. Glittering orange and yellow..... | | .05 |
| CAMPANULA. Canterbury Bell. B. Handsome, hardy biennial, of stately growth, rich in color and profuse bloom. | | |
| CAMPANULA. Canterbury Bells. Carpatica, deep blue. 6 inches..... | | .10 |
| Medium Mixed, single..... | | .05 |
| Medium Mized, double..... | | .05 |
| Cup and Saucer..... | | .10 |
| Pyramidalis, 3 to 4 feet..... | | .10 |
| Pyramidalis, Alba or White..... | | .10 |
| Double White..... | | .05 |
| Double Pink..... | | .05 |
| Single Mixed..... | | .05 |
| Cup and Saucer..... | | .10 |
| CANDYTUFT. Iberis. A. One of the best flowers for edging, bedding and cutting. Sow in April. | | |
| Empress. White, grows about a foot high..... | | .05 |
| Mixed..... | | .05 |
| CANNA. Crozy. Red Leaved. Crimson with broad gold band, the finest bedder and for pot culture unsurpassed. 4 feet..... | | .10 |
| CANARY BIRD VINE. A. A beautiful, rapid climber, flowers resembling somewhat a canary bird with wings half expanded..... | | .05 |
| CARNATION. Dianthus. A. They are easily grown from seed and very free blooming. | | |
| Marguerite Mixed..... | | .05 |
| Florist's Pink. P. Double mixed..... | | .10 |
| CELOSIA. Cockscomb. A. Highly ornamental plants, producing crested heads of flowers somewhat resembling a cockseomb. | | |
| Celosia Plumoso Pyramidalis..... | | .10 |
| Celosia Cristata Nana. Mixed..... | | .10 |
| Plumosa Thompsoni. For ornamental purposes this class is one of the most beautiful; entire plant is covered with rich plumes of most striking colors. Finest Mixed | | .10 |

| | |
|--|--------|
| CENTAUREA. Cornflower. A. One of the most popular of our garden annuals, blooming the entire summer. | Pkt. |
| Cynus. Bachellor Button, double Emperor William | \$0.05 |
| Imperialis. Marguerite White..... | .05 |
| Odorata. Mixed | .05 |
| Suaveolens. Yellow Sweet Sultan | .05 |
| Bachelor's Button. Double Mixed..... | .05 |
| Dusty Miller. Fern-like foliage with silver covering, splendid for borders..... | .10 |
| Sweet Sultan. The most beautiful of all the Centaureas..... | .05 |
| CHRYSANTHEMUM. A. These common summer Chrysanthemums are showy and effective in the garden and desirable for cut flowers. | |
| Double Mixed | .10 |
| CLARKIA. A. A beautiful hardy annual, worthy of a place in every garden. | |
| Fine Double Mixed | .05 |
| Cobea Scandens. Tender climbing perennials of rapid growth | .05 |
| COSMOS. A. This beautiful annual is one of the most showy and useful of our garden plants. Excellent for cutting. | |
| Early Minnesota | .05 |
| CYPRESS VINE. A most beautiful vine with delicate fern-like foliage and star-like flowers. | |
| Finest Mixed | .05 |
| DAHLIA. One of the best autumn flowering plants, blooms until killed by frost. | |
| Fine Double Mixed | .10 |
| DAISY. BELLIS. P. Beautiful spring flowers, suitable for edging. | |
| Longfellow. Double rose..... | .10 |
| Double Mixed | .10 |
| Snowball. Double white..... | .10 |
| Shasta. Very large, $\frac{1}{2}$ white, single flowers on long stems..... | .10 |
| DELPHINIUM. Larkspur. P. Very beautiful, producing splendid spikes of flowers throughout the entire summer. | |
| Formosum. Deep blue white center..... | .05 |
| Hybrids. Mixed | .10 |
| Nudicaule. Pure bright scarlet..... | .15 |
| Candelabrum. Double..... | .05 |
| Annuals Mixed | .05 |
| DIANTHUS PINKS. A. Dianthus, better known as Chinese Pinks, are among the most brilliant of garden flowers, blooming profusely until killed by frost. | |
| Heddewigii. Single, mixed | .05 |
| Japanese. Double, mixed | .05 |
| Imperialis. Double mixed..... | .05 |
| Double Diadem. Mixed..... | .05 |
| DIGITALIS. Foxglove. P. Very ornamental hardy perennial plants of stately growth, producing long flower spikes. | |
| Finest Mixed | .05 |
| ESCHSCHOLTZIA. California Poppy. A. The State Flower of California. Very attractive for beds, blooming almost continually throughout the season. | |
| Californica. Rich yellow..... | .05 |
| Carmine King. Carmine rose beautiful..... | .10 |
| FOUR O'CLOCK. Marvel of Peru. A. Handsome border plants of compact growth, and splendid bloomers. | |
| Finest Mixed | .05 |
| FORGET-ME-NOT. Myosotis. P. Fine for close borders or edgings, succeeds best in moist and cool locations; free bloomer. | |
| Victoria. Strong growing, dwarf habit, flowers large, color sky blue..... | .10 |
| GAILARDIA. Blanket Flower. Showy plants, flowering the first year and among the gayest ornaments of the garden. | |
| Perennial Mixed | .05 |
| Annual Mixed | .05 |
| GOURDS. Ornamental. Tender annual climbers, with curiously shaped fruit in various colors, many of which are peculiarly marked..... | .05 |
| GYPSOPHLIA. Baby's Breath. Graceful plants, with tiny flowers produced in abundance in loose panicles. Excellent for their delicate effect in bouquets. | |
| Annual | .10 |
| Perennial | .10 |
| HELIOTROPE. Universal favorite on account of its delightful fragrance and long duration of bloom. | |
| Giant Flowered Mixed | .10 |

| | |
|---|-------------|
| HELIANTHUS. Sunflower. Stately, decorative plants with large heads of golden yellow flowers. | |
| The True Red | Pkt. \$0.10 |
| Chrysanthemum Flowered | .05 |
| Stella | .05 |
| HELICHRYSUM. Everlasting. A. One of the best dried flowers for house decoration and will grow in almost any soil. | |
| Finest Mixed | .05 |
| HOLLYHOCKS. Althaea Rosea. P. Very ornamental and effective in large groups and borders, for planting among shrubbery or forming a background for other flowers. | |
| Chater's Double Mixed | .10 |
| Annual Mixed | .05 |
| HYACINTH BEAN. Dolichos. Very ornamental and rapid climber, with dense foliage and handsome flowers. | |
| Finest Mixed | .05 |



| | |
|--|-----|
| KOCHIA. Summer Cypress or Mexican Fire Bush. A splendid ornamental annual. Their light green foliage changes to carmine and fiery red colorings in autumn. Fine for annual hedges.... | .05 |
| LANTANA. Well known bedding plant, producing pink, yellow, orange and white heads in great profusion; very fragrant. | |
| Finest Mixed | .05 |

Kochia or Mexican Fire Bush.

| | |
|---|-----|
| LARKSPUR. SEE DELPHINIUM. | |
| LAVENDER. Much prized for the delicious fragrance of its violet flowers..... | .05 |
| LINUM. Scarlet Flax | .05 |
| LOBELIA. A. For beds, borders, baskets and pots there is nothing prettier. | |
| Emperor William. Light blue, very fine | .10 |
| Gracilis. Blue, trailing, beautiful for baskets | .10 |
| LUPINS. Ornamental free flowering plants with long graceful spikes of various colored pea shaped flowers. | |
| Finest Mixed | .05 |
| MARIGOLD. A. Very effective when planted in groups or in garden borders. | |
| African Eldorado. Large perfectly double, brilliant shades of yellow | .05 |
| Tall Mixed | .05 |
| French Legion of Honor. (Little Brownie). Single, golden yellow, marked velvety red | .10 |
| MIGNONETTE. Reseda. A. A well known fragrant favorite, which produces a pleasing contrast to the more showy occupants of the garden. | |
| Allen's Defiance. Spikes of great length, very fragrant and fine for cutting | .10 |
| Machet. Deep red | .05 |
| Golden Queen. Golden yellow | .05 |
| Giant Pyramidal. Large, fine | .10 |

MORNING GLORY. Very beautiful
free flowering climber.

Pkt.

Imperial Japanese Mixed..... \$0.05
Choice Mixed..... .05

MOONFLOWER. *Ipomea.* A.

Rapid growing summer climber.

Finest Mixed..... .05

NASTURTIIUM. A. No other
annual will produce such a
lavish profusion of flowers for
so long a time with the same
outlay of time and labor.

Empress of India. Deep
crimson, fine dark foliage.

Dwarf..... .20 .05

Vesuvius. Salmon rose, extra
large flowers in profusion.

Dwarf..... .20 .05

Tall Mixed..... .15 .05

Dwarf Mixed..... .15 .05



Nasturtium.



Queen of the Giants. Flowers of enormous size, perfectly round form, original
structure and unusual substance..... .10

Giant Lord Beaconsfield. Lavender and purple..... .10

Giant Golden Queen. Pure yellow..... .10

Giant Snowflake. Pure white..... .10

BEDDING MIXTURE. Containing choice shades..... Pkt. $\frac{1}{8}$ oz. $\frac{1}{4}$ oz. Oz.
\$0.10 \$1.25 \$4.00

W. H. B. CO.'S MIXTURE. The richest and most choicely
varied mixture possible..... .10 1.00 1.75 6.00

PETUNIA. A. We have no better plants than the Petunias for beds and masses,
borders, window boxes, baskets and vases. They will grow in almost any soil and
bloom profusely through long droughts.

Double Mixed..... .25

Fringed Finest Single Mixed..... .20

Rosymorn. Excellent bedding sort..... .10

NICOTIANA. Tobacco

Plant. A. An excellent
border plant, produces a great
number of fragrant flowers;
blooms continually.

Affinis. White, sweet scent-
ed, tubular flowers..... .05

Sanderae. Red. A very
beautiful variety..... .05

Mixed. All colors mixed.. .10

NIGELLA. **Love-In-The-**
Mist. A. Compact growth,
free flowering, fragrant, with
fine cut fern-like foliage.

Finest Double Mixed.... .05

OENOTHERA. **Evening**
Primrose. P. Suitable for
perennial borders.

White. Sweet scented.... .10

Yellow..... .10

Mixed..... .10

PANSY. The Pansy is un-
doubtedly the general favorite
of all the early spring flower-
ing plants, and no garden is
complete without them.

| | | |
|---|------------------------------------|--------|
| PHLOX DRUMMONDI. A. For beds nothing surpasses this beautiful annual. They produce immense trusses of large, brilliant flowers, and bloom throughout the entire summer and fall. | | |
| Red..... | Pkt. | .05 |
| Pink..... | | .05 |
| White..... | | .05 |
| Fine Mixed..... | | .05 |
| PLATYCODON. Japanese Bellflower. P. | | |
| Dwarf Blue..... | | .10 |
| POPPY. Papaver. Of recent years the poppy has become very popular, and it may be safely said that no other flower produces a more brilliant display of color during the blooming period. | | |
| Miss Sherwood. Single white, rose edged, large beautiful flowers..... | | .05 |
| Oriental. P. Gorgeous scarlet blossoms, hardy anywhere, three feet..... | | .05 |
| Shirley. A. Indescribably bright, dainty and gauzy, mixed colors..... | | .05 |
| Daneborg. A. Large, single, scarlet with white cross at base of petals..... | | .05 |
| Mikado. A. Large White flowers, attractively fringed with rose..... | | .05 |
| White Feather. Immense double flowers, fringed and of purest white..... | | .05 |
| Carnation Flowered. Double mixed..... | | .05 |
| Iceland. Dwarf, bright yellow, very attractive..... | | .10 |
| PORTULACA. Moss Rose. A. Very pretty for beds, edgings, etc., unrivalled for brilliancy among plants of low growth; flourishes under almost all conditions. | | |
| Double Mixed..... | | .10 |
| Single Mixed..... | | .05 |
| PYRETHRUM. Single Daisy-like flowers of bright colors. | | |
| Pyrethrum, Parth. Aur. Golden Feather..... | | .05 |
| Fine Mixed..... | | .05 |
| RICINUS. Castor Oil Plant. Largely used for centers of beds or foliage plants | | |
| Zanzibarensis Enormis..... | | .05 |
| SALPIGLOSSIS. Painted Tongue. A. Showy half hardy annuals, bear beautiful Orchid-like flowers from early summer until late fall. | | |
| Large Flowering Hybrids Mixed..... | | \$0.05 |
| SALVIA. Scarlet Sage. A. Salvia has long been a favorite bedding plant, bearing long spikes of flowers in great profusion from July until killed by frost. | | |
| Bonfire..... | $\frac{1}{8}$ oz. 50c., oz. \$3.50 | .10 |
| SCABIOSA. Mourning Bride. A. A garden favorite. The flowers are borne on long stems and last a long time when cut. Fine for beds or borders. | | |
| Large Flowering Mixed..... | | .05 |
| SNAPDRAGON. SEE ANTIRRHINUM. | | |
| STOCKS. A. Very effective for beds and borders, and their handsome flower spikes are invaluable for bouquets. | | |
| Large Flowering Mixed..... | | .10 |
| Dwarf German Ten Weeks..... | | .10 |
| SUNFLOWER. SEE HELIANTHUS. A. | | |
| SWEET PEAS. See page 26. | | |
| SWEET WILLIAM. Dianthus Barbatus. B. A splendid, old-fashioned plant, producing large heads of beautifully colored, sweet scented flowers in abundance. | | |
| Double Mixed..... | | .05 |
| VERBENA. A. A universal garden favorite, very few plants making a more gorgeous display of brilliant flowers from spring until frost. | | |
| Mammoth Mixed..... | $\frac{1}{8}$ oz. 25c., oz. 1.25 | .05 |



ZINNIA. Youth and Old Age. A. One of the most brilliant summer-flowering plants. The flowers are large, very handsome and borne in great profusion.

| | Pkt. |
|--|--------|
| White. Giant double..... | \$0.05 |
| Rose | .05 |
| Violet | .05 |
| Deep Scarlet | .05 |
| Finest Mixed. Giant..... | .05 |
| Half Dwarf. Large flowering, mixed..... | .05 |
| Half Dwarf. Small flowering, mixed..... | .05 |
| Half Dwarf. Red Riding Hood, miniature, bright scarlet..... | .10 |

Summer Flowering Bulbs

GLADIOLUS.

These showy flowers are very easily raised, and with their tall spikes and brilliant colors of almost every variety, simple and blended, make one of the most magnificent displays of the flower garden. By planting from May to July, a continuous succession of flowers will be secured. Plant in rows a foot apart, six inches apart in the row, and two inches deep. These need to be housed in the autumn.

For Varieties and Prices See Inside Back Cover

BEGONIAS—Tuberous Rooted.

A charming class of Begonias, of great value for planting outdoors in the herbaceous border or shady nook in the lawn. No plants are easier grown. The tubers planted outdoors in May will bloom in July and continue to produce an abundance of large, brilliant colored flowers until frost cuts them down or they may be planted in the house in March or April and transplanted in the open ground as soon as the weather permits. The flowers are large and very showy, many of them measure four inches across.

| | Each | Doz. |
|--|--------|--------|
| Single Begonias. Separate colors, rose, white, crimson, yellow..... | \$0.05 | \$0.50 |
| Double Begonias. Separate colors, rose, white, crimson, yellow..... | .10 | 1.00 |
| Single Mixed Colors | .05 | .50 |
| Double Mixed Colors | .10 | 1.00 |

Begonias mailed postpaid at single and dozen rates.

TUBEROSES.

One of the most charming and fragrant of our summer flowering bulbs.
MAMMOTH EXCELSIOR PEARL. By mail 5c each, per dozen 50c., by purchaser's expense
3 for 10c., per dozen 40c., per 100 \$2.50.

CALADIUM ESCULENTUM.

These well-known **Elephant's Ears** are most effective, both as single plants on the lawn, masses in beds, or for margins of water. The distinct apron-like leaves often attain a length of three feet by twenty inches wide. Bulbs can be stored in dry sand over winter and kept from year to year. Each 20c., dozen \$2.00.

Sweet Peas

GIANT ORCHID FLOWERING OR SPENCER.



Sweet Peas

| | | | | |
|--|-------------|------------|--------------|------------|
| Margaret Atlee. Pink on cream, suffused with salmon..... | Pkt. \$0.10 | Oz. \$0.35 | ¼ lb. \$1.00 | Lb. \$3.00 |
| Marie Corelli. Brilliant Rose Carmine..... | .10 | .30 | .... | .... |
| Apple Blossom. Crimson pink..... | .10 | .35 | 1.00 | 3.00 |
| Asta Ohn. Lavender, tinted mauve..... | .10 | .35 | 1.25 | 3.50 |
| Countess Spencer. Soft rose pink, deeper at edges..... | .10 | .35 | 1.00 | 3.00 |
| Florence Nightingale. Clear lavender..... | .10 | .35 | 1.00 | 3.00 |
| King Edward VII. Rich carmine scarlet, sun proof..... | .10 | .35 | 1.00 | 3.00 |
| Maud Holmes. Sun proof crimson..... | .10 | .35 | 1.00 | 3.00 |
| Mrs. Hugh Dickson. Cream pink..... | .10 | .35 | 1.00 | 3.00 |
| Othello. Rich deep maroon..... | .10 | .35 | 1.00 | 3.00 |
| White Spencer. Pure white, waved and crinkled..... | .10 | .35 | 1.00 | 3.00 |
| Dobbie's Cream. Novelty. Beautiful deep cream.... | .15 | .40 | 1.50 | 5.00 |
| Vermillion Brilliant. Brilliant scarlet, sun proof... | .15 | .40 | 1.50 | 5.00 |
| Mixed Spencers. All colors..... | .10 | .25 | .75 | 2.50 |

Christmas Sweet Peas.

These varieties, if sown early in fall in-doors, will bloom by Christmas and continue all winter. They may also be sown outdoors in the spring for summer flowering.

| | | | | |
|-------------------------|-----|-----|-----|------|
| Christmas Pink..... | .10 | .25 | .75 | .... |
| Christmas White..... | .10 | .25 | .75 | .... |
| Christmas Lavender..... | .10 | .25 | .75 | .... |

Sweet Peas in Mixture.

| | | | | |
|--|-----|-----|-----|------|
| W. H. B. Co.'s Special Mixture. Newer varieties mixed..... | .05 | .15 | .45 | 1.50 |
| Eckford's Mixed. Good mixed..... | .05 | .10 | .30 | 1.00 |

HINTS ON SWEET PEA CULTURE.

- DON'T** expect Sweet Peas to thrive in soil too poor for any other plants or in a sunless location. They need, as nearly as possible, a free clay loam, moderately rich and freely cultivated.
- DON'T** overfeed. With a view to obtaining vigorous growth and profusion of bloom, bone meal is the best fertilizer.
- DON'T** sow too shallow. A good plan is to draw out a trench 6 inches in depth, into which plant the seed not less than two inches deep, and as the plants become established, bank the soil against them, repeating this two or three times throughout the season.
- DON'T** gather blooms grudgingly. The more you cut the longer the vine will continue to flower. Remember, when they go to seed, Sweet Peas will cease flowering.
- DON'T** water so as to only slightly wet the surface of the ground. When you water, see that it soaks thoroughly into the ground for at least six inches.

Superb New and Beautiful Dahlias

DECORATIVE DAHLIAS.

| | Each | Doz. |
|--|--------|------|
| BERCH VON HEMSTEAD. Best yellow..... | \$0.50 | .... |
| HORTULANUS WITTI. Water Lily White..... | .50 | .... |



Show Dahlia

| | | |
|---|------|------|
| SYLVIA. Deep pink, tinged to flesh at center, long stem and very desirable as a cut flower.. | 0.15 | 1.50 |
| JACK ROSE. Best crimson for cutting..... | .20 | 2.00 |
| DELICE. Decidedly one of the most exquisite varieties, the color being a lovely shade of glowing rose pink. The flowers are held well above the foliage on stout stems and are perfect in form. Invaluable for cutting and garden decoration | .20 | 2.00 |
| GOLDEN WEDDING. Bright golden yellow flowers of large size..... | .20 | 2.00 |
| SNOWDRIFT. White, excellent for cutting.. | .20 | 2.00 |

SHOW DAHLIAS.

| | | |
|---|-----|------|
| ARABELLA. Soft primrose, shaded and tipped rose..... | .15 | 1.50 |
| CUBAN GIANT. Giant Crimson..... | .25 | |
| ETHEL MAULE. Beautiful white..... | .25 | |
| GRAND DUKE ELIXIS. White tipped pink .. | .25 | |
| A. D. LIVONI. Pink..... | .20 | |

| | | |
|--|-----|------|
| PRINCESS VICTORIA. The earliest] Each Doz. | | |
| and first flowering yellow, long stems, excellent for cutting..... | .25 | 2.50 |
| PRINCESS JULIANA. Early white, flowers held erect on strong stems, excellent for cutting..... | .25 | 2.50 |

CACTUS DAHLIAS.

| | | |
|---|--------|--------|
| KRIMHELDE. Clear rose pink, shading lighter toward center, beautiful blossoms. The flowers keep a considerable time after cutting..... | \$0.20 | \$2.00 |
| LAWINE. White suffused blush; a magnificent flower of largest size..... | .20 | 2.00 |
| STANDARD BEARER. Bright, clear scarlet; free bloomer..... | .15 | 1.50 |



DAHLIAS—PEONY FLOWERED.

| | |
|--|-------------|
| GEISHA. Red and yellow, very fine. Large good form..... | Each \$0.50 |
| ALICE ROOSEVELT. White shaded mauve | .50 |
| QUEEN WILHELMINA. White | .35 |

DAHLIAS—SINGLE AND POMPON.

| | |
|--|------------|
| WHITE CENTURY. Pure white..... | .25 |
| EVELYN CENTURY. Pink..... | .35 |
| UNION JACK. Red striped white..... | .50 |
| SNOW CLAD. White Pompon..... | .25 |
| DAHLIAS MIXED. All varieties | Dozen 1.25 |
| SPECIAL OFFER—Collection any 5 Dahlias 50c each, for..... | 2.00 |
| Postpaid. " " 5 " 25c " " | 1.00 |
| " " 5 " 15c " " | .75 |

Peonies

Peonies have been greatly improved in recent years, and are now one of the most popular of all the herbaceous plants. They are perfectly hardy and thrive in almost any soil. In shady places where few plants succeed peonies will grow luxuriantly. The plants will thrive equally well in sunny situations and planted in front of shrubbery or on either side of walks they are very effective.

Plants produce the best flowers after the second year. Do not plant on freshly manured ground. All fertilizers should be placed on top after ground is frozen in the fall.

We offer the most desirable varieties for form and color.

BRAND'S SEEDLINGS. All fine, tried varieties. Strong Divisions and year old plants. Postpaid at prices listed.

PRINCE OF DARKNESS. Large dark maroon, rose shaped, one of the darkest peonies in cultivation. Opens early and lasts long. Free bloomer and excellent as a cut flower..... Each, \$2.00

MRS. CAREW. Large, full rose shaped flower, often seven inches in diameter. Delicate silver blush, some inner petals with carmine edges. Clusters of four and six blooms. Excellent for cutting. Each \$2.00

LYNDA. Good white, for late cutting..... Each, \$1.00

RUTH BRAND. Very large, compact bomb. Guard petals prominent, enclosing a grand ball of compact center petals. A uniform soft lavender, pink splashed with deeper lavender. Tall, stems fine, graceful and strong, holding but a single bloom. Medium season, beautiful in bud..... Each, \$1.00

LORA DEXHEIMER. Intense flaming crimson, shading darker at base of petals. Medium height, stiff stems holding but a single bloom, rigidly erect. One of the grandest peonies in existence..... Each, \$4.00

STANDARD VARIETIES.

FELIX CROUSSE. Large dark red Each \$0 75

ALEXANDER DUMAS. A brilliant pink, interspersed with salmon white and chamois. Early, strong divisions..... Each, \$0.50

DELACHI. Late mid-season, compact rose type. Deep purple, crimson reflex, a sure and free bloomer. One of the best dark reds. One year..... Each, \$0.50

DELICATISSIMA. Large, delicate one-color pink. One of the best for cut flowers. Mid-season. One year..... Each, \$0.50

DR. BRETTANNEAU. Delicate lilac pink, free bloomer, fragrant and keeps well as a cut flower. Strong divisions..... Each, \$0.50

DUCHESS DE NE MOURS. Follows Festiva Maxima. Sulphur white, changing to pure white. One year..... Each, \$0.50

FESTIVA MAXIMA. The most popular white peony (in existence). Strong divisions. Each, \$0.75

FRAGRANS. Dark pink with purplish tinge. One of the best shipping varieties. Strong divisions..... Each, \$0.75

FLORAL TREASURE. Large globular rose type. Delicate pink, long, rigid stems. Strong divisions..... Each, \$0.50

GOLDEN HARVEST. Guard petals lilac rose, enclosing a mass of narrow cream white petals. Strong divisions..... Each, \$0.75

MARECHAL VAILLANT. Extra large dark mauve rose. Late. Strong divisions. Each, \$0.75

WHITLEY II, OR QUEEN VICTORIA. Open flesh white, fading to milk white, best commercial white..... Each, \$0.50

Collection, Twelve Standard Varieties, by Express, \$5.00.

Prices quoted on request for large lots and smaller divisions.



Peony

HARDY ORNAMENTAL SHRUBS.

Beautify your home, plant a few of these hardy shrubs, your property will not only increase in value, but the home will be more attractive and pleasant. The following are all adapted to our climate. We send out only plants in perfect condition.

| | Each | Doz. | 100 |
|--|------------|--------|---------|
| BUCKTHORN. For hedges. Grows four to five feet high. Dark green foliage, blooms in June, white flowers, followed with showy black fruits.. | \$0.30 | \$2.50 | \$12.00 |
| DOGWOOD. For hedges. Bark dark red, abundant flowers, followed by handsome berries, grows from two to three feet high..... | .30 | 2.50 | 12.00 |
| BARBERRY THUNBERGIA. Low dense spreading bush. Foliage takes on beautiful coloring in autumn. Each 25c. Smaller size for hedges; doz..... | | | \$2.00 |
| FLOWERING ALMOND. Flowers in early spring, blooms profusely. Pink and White..... | .50 | .... | .... |
| FORSYTHIA. Golden Bell. Spreading and handsome, with showy foliage and trumpet shaped bright yellow flowers. Grows three to four feet high..... | .40 | 4.50 | .... |
| HIGH BUSH CRANBERRY. Has large clusters of single white flowers, succeeded in fall by bunches of berries resembling cranberries..... | .30 | 2.50 | .... |
| HYDRANGEA. Paniculata Grandiflora. One of the grandest flowering shrubs, begins to bloom early in summer and continues until late in fall. Hardy and does not require protection in winter. Grows two to three feet high..... | .40 | 3.50 | .... |
| Hills of Snow. Snowball Hydrangea. Blooms June to September, has immense clusters of pure white flowers. Grows one and a half to two feet high..... | .40 | 3.50 | .... |
| LILAC. Purple. Well known old favorite, two to four feet high..... | .30 | 2.50 | .... |
| White. Well known old favorite, two to four feet high..... | .50 | 5.00 | .... |
| SNOWBALL. Old fashioned common snowball..... | Each, | \$0.50 | |
| SPIRAEA-VAN HOUTTEI. Bridal Wreath. Very popular, bluish green foliage and masses of white flowers..... | Each, | .35 | |
| SPIREA—BUMALDA. Anthony Waterer. Pretty dwarf variety, dark crimson, Each | .30 | | |
| Sorbifolia. Long white spikes of flowers..... | Each, 35c. | Doz. | \$3.50 |
| SYRINGA. Mock Orange. Fragrant, flowers pure white..... | Each, | .40 | |
| WEIGELIA. Rose colored, trumpet shaped flowers, profuse bloomer..... | Each, | .50 | |

By Express or Freight at Purchaser's Expense.

LAWNS

How to Make a Lawn. The preparation of the soil is very important in making a good lawn. As early as possible in the spring it should be thoroughly dug or ploughed to the depth of 10 to 12 inches and properly graded to the desired level. Remove all stones, sticks, sods, etc., harrow or rake it fine and roll it firm. It is impossible to get the soil too fine to receive the seed. After rolling, the soil will be ready for the seed. If the soil is poor, wood ashes, bone meal or pulverized sheep manure should be added after digging it up. Well-rotted stable manure is also good, but it often contains weed seeds. Sow the best seed obtainable; it is always cheapest in the end; use quantity as indicated by table on this page. It is best to sow seed liberally, not only so as to produce a lawn quickly, but because the best lawn seed reproduces fine-leaved grasses which should take entire possession of the ground at once, thus choking out and preventing the development of any weed seeds which are apt to be in all soils. Sow seed by hand, distributing it evenly, going both ways across the plot. After sowing, cover the seed by raking lightly, then roll. When the grass has become well rooted, use lawn mower. Keep the mower sharp, as if dull it will pull and injure the grass, besides causing the lawn to have an uneven appearance. Never allow the grass to become so high that the mower will take off the first joint, as this is an injury. Mow as often as necessary; in growing weather, at least once a week. Let the short clippings remain on the lawn, as they wither and dry and form a protection to the roots. When the clippings are long, they should be raked off; for besides being unsightly, they are also injurious. When dry and hot, avoid cutting too close. In the early spring every lawn should be carefully rolled, to smooth and firm the soil and take out any unevenness caused during the winter by the heaving of the frost. During dry spells the lawn should be thoroughly soaked once a week in the evening or after the sunshine is off the lawn.

To Grass a Terrace. Take for each square rod a pound of lawn grass seed, and mix it with about six cubic feet of good dry garden loam. Place it in a tub and add liquid manure, diluted with about two-thirds water until the mixture has the consistency of mortar. Make the slope perfectly even and smooth, water it well, then apply the paste in a thin, even coat.

Old lawns can be renovated by using half quantity of seed necessary to make a new lawn. Rake in the seed with a sharp tooth rake early in the spring.

Special Quotations. We are always pleased to quote special prices to parks, institutions, golf clubs and others who require lawn grass seeds in large quantities.

W. H. B. CO.'S SPECIAL LAWN GRASS SEED.

Contains only the highest grade of grasses suitable for the purpose of making a beautiful, durable lawn. Our **SPECIAL LAWN GRASS SEED** germinates quickly, roots deeply, this enables it to readily withstand the intense heat of summer and the hard cold of winter, showing beautiful, rich green from early spring to late fall. It contains no annual grasses for making a quick show, to the detriment of a permanent lawn, but has only those which are lasting and hardy. When a lawn is once established from our seed, it lasts for years. From six to eight weeks' time is all that is required to form a close thick turf of rich, velvety lawn when our seed is used.

QUANTITY TO USE: 1 pound for 300 square feet. 5 pounds for 2,000 square feet. 100 pounds will cover 1 acre.

Price: Lb. 30c., 5 lbs. \$1.50, 10 lbs. \$2.75. By express at purchaser's expense.

Shady Place Mixture. On nearly all lawns there are shaded, bare and unsightly spots on which the owners have difficulty in getting a stand of grass. For such places, this mixture is adapted. Price: Lb. 30c., 5 lbs. \$1.50, 10 lbs. \$2.75.

Kentucky Blue Grass. Can be used alone or mixed with white clover for lawn. Per lb. 25c., 10 lbs. \$2.25. By express, purchaser's expense.

White Clover. Best for lawns. Sow at the rate of 5 lbs. per acre. Per lb. 65c., 10 lbs. \$6.00. By express, purchaser's expense.

High Grade Farm Seeds

RECLEANED AND TESTED GRASS SEED.

Write for Prices.

Timothy. The most widely grown and probably most valuable grass used for hay in this country. Sow 15 pounds per acre.

Clover. Medium Red or June. Sow 8 to 10 pounds per acre.

Clover. Mammoth Red, larger than Medium. Sow 8 pounds per acre.

Clover. Alsike. Best moist land clover, finer growth than other varieties.

Clover. White or Dutch. Used in lawns, fine for pasturage and for honey bees.

Alfalfa. Montana. Extremely hardy, best for the Northwest. Our stock is of very good quality.

Alfalfa. Dakota grown.

Red Top. Solid Seed. Does well in moist meadows and makes excellent pasturage, 10 pounds sows 1 acre.

Blue Grass. Kentucky. Hardy, very nutritious, fine pasturage. 20 pounds sows 1 acre.

Orchard Grass. Very suitable for orchards and shady places. 20 pounds sows 1 acre.

Hard Fescue. Very hardy, thrives on poor and sandy lands. 30 pounds sows 1 acre.

Meadow Fescue. Very hardy, fine for pasturage and thrives on moist soils. 25 pounds sows 1 acre.

FIELD CORN FOR THE NORTHWEST.

Minnesota Grown.

Minnesota No. 13. The best early yellow dent corn in cultivation. Ears about eight inches long, small cob, deep kernel, sixteen to twenty rowed. Matures in ninety days under ordinary conditions.

Early Golden. Yellow dent, kernels very broad and deep. The ear is of good size, 16 to 20 rowed, small cob. Few days later than No. 13.

Northwestern Dent or Smoky Dent. Very early and heavy yielder. Kernels red, cob medium, ears good size.

Longfellow. Yellow flint, very early and long, eight rowed.

Minnesota Early White Dent. Large ear, deep kernel and early. Our trials prove this one of the very best white dent varieties.

FODDER CORN.

Red Cob Fodder Corn. Seed is white, growing on red cobs; grows very tall and produces large tonnage.

Yellow Dent Fodder Corn. Produces large tonnage.

Sweet Fodder Corn. The stalk is small but very sweet, produces ear and makes excellent stock feed.

MILLET.

German. A valuable annual hay and fodder crop, more productive and larger than Hungarian, but is later and not so quick growing. Height from 3 to 5 feet.

Hungarian. (Dark Seed.) Makes excellent hay, matures in short season; also grown as a green manuring crop to turn under.

Siberian. Two weeks earlier than German Millet and is very hardy, leaves tender, making it excellent for hay.

Japanese. Grows to a height of 6 to 8 feet and yields enormous crops. When cured makes good hay, will do well on moist ground.

FIELD PEAS.

Canada Field Peas. (Yellow.) Standard sort. Used for stock feeding and for soups.

Canada Field Peas. (Green.) Used same as above. 4 feet high.

Cow Peas. Excellent for pasturing cattle, sheep and swine.

RAPE.

Dwarf Essex. A very valuable forage crop. Under favorable conditions it is ready for pasturing cattle within six weeks from time of sowing. It should be sowed in April for Spring pasturing. Sow from 2 to 3 pounds per acre in drills or 5 to 10 pounds per acre broadcast.

SUGAR CANE.

Southern Cane. For stock feeding only. Produces large tonnage and is usually used by dairymen to feed their milch cows, although all kinds of stock eat it readily.

Minnesota Sorghum. Used for making syrup.

STANDARD MODEL INCUBATOR.

Fire Proof Insurable.

The Standard Hatcher of the World—Guaranteed.

MADE IN SIX SIZES:

| | |
|---|---------|
| No. 0 Standard Incubator—Capacity, 100 Eggs..... | \$18.00 |
| No. 1 Standard Incubator—Capacity, 175 Eggs..... | 22.00 |
| No. 2 Standard Incubator—Capacity, 275 Eggs..... | 32.00 |
| No. 3 Standard Incubator—Capacity, 410 Eggs..... | 37.00 |
| No. 4 Standard Incubator—Capacity, 324 Duck Eggs..... (Special Duck) | 40.00 |
| No. 5 Standard Ostrich Incubator—Capacity, 42 O. Eggs..... | 48.00 |

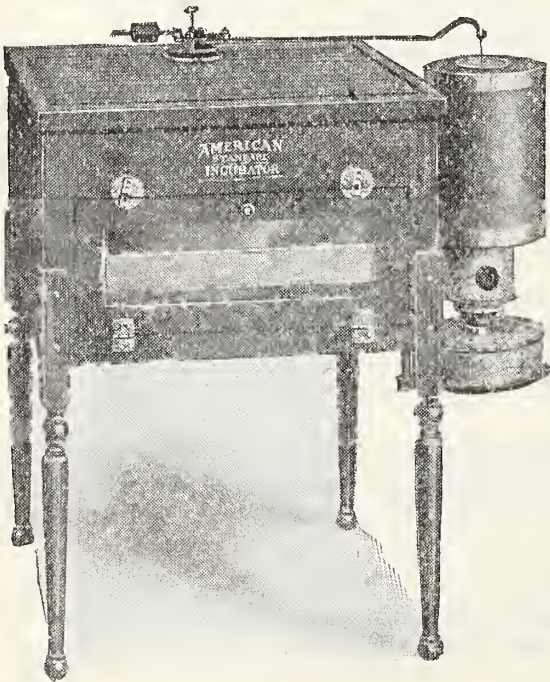
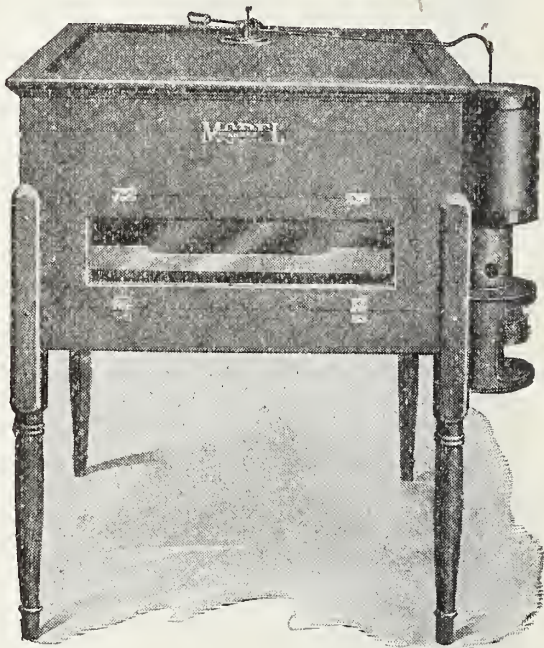
Complete equipment furnished with each machine.

STANDARD MODEL INCUBATORS.

The Standard Model Incubators are made of sound Kiln-dried Chestnut. They possess double walls, thoroughly Insulated and packed. The tops are packed with several thicknesses of laminated cotton battings and the windows are of double glass, with air space between. They are equipped with the Model Patented Zinc and Steel Thermostat.

Shipped complete, everything ready to operate except oil and eggs.

For complete description write for main catalogue.



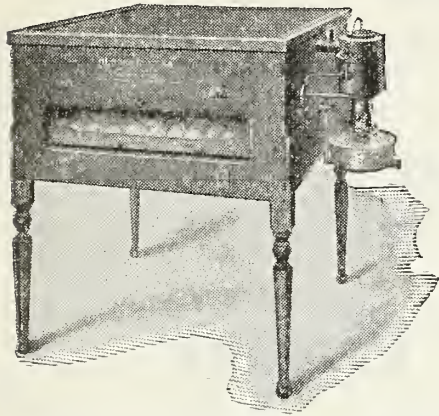
AMERICAN STANDARD INCUBATOR.

| | |
|-----------------------|---------|
| 70 Egg complete..... | \$10.00 |
| 120 Egg complete..... | 14.00 |
| 200 Egg complete..... | 17.00 |

The American Standard Incubators are built of white pine and redwood, heavy insulated walls, zinc and steel thermostat, attractively finished in dark oak, brass trimmings. Diffusion principle. Automatic.

The greatest value in guaranteed Incubators.

| | |
|----------------------------|---------|
| 70 Egg Size, complete..... | \$10.00 |
|----------------------------|---------|

OLD HOMESTEAD HOT WATER INCUBATOR.

The Old Homestead Incubator is hot water heated. We manufacture this Incubator to meet the demand of those who believe that hot-water heat for Incubators is better than hot air.

The Old Homestead Hot-Water heated Incubator is a handsome, well built Incubator and we guarantee it to give general satisfaction if operated according to our directions.

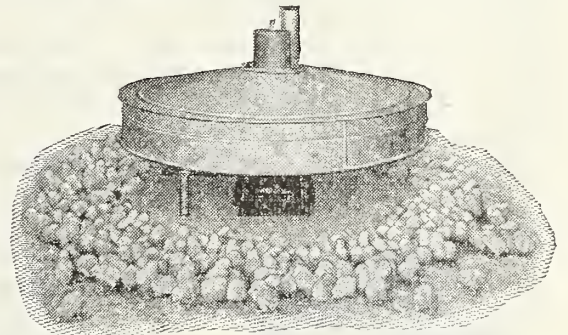
Case, White Pine and Redwood, double walls, packed with cotton and jute, radiators heavy weight copper, forced circulation, double heating surface in heater. **Patented wire diffusion cloth**, giving absolutely an even temperature on eggs. Table top, seamless stamped ramp bowl. Roomy Chick nursery. Automatic ventilation.

WE MAKE HOT-WATER HEATED INCUBATORS IN ONE SIZE ONLY
THERE'S A REASON SEND FOR A CIRCULAR
PRICE COMPLETE.....\$12.50

MODEL COAL BURNING HOVER.

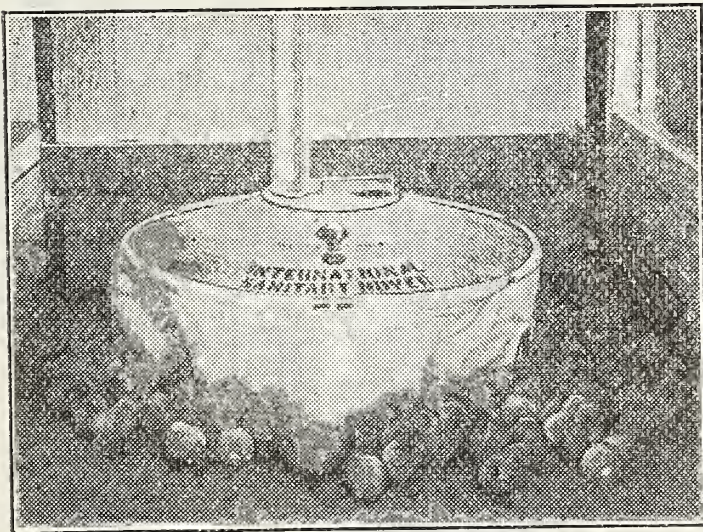
A SIMPLE, PORTABLE, SELF-REGULATING COAL BURNING HOVER. A SYSTEM OF BROODING THAT SAVES TIME, LABOR AND FUEL.

The greatest Coal Burning Brooder ever invented—self-regulating, double acting damper absolutely controls the temperature under varying conditions. Stove made of solid cast iron. 52-inch reinforced hover. Canopy substantially made—not a cheap, flimsy affair. Guaranteed the best value in Coal Burning Hovers on the Market.



MODEL COAL BURNING HOVER, 50 to 1,500 CHICKS.....\$15.00
EASY TO UNDERSTAND

A Coal Heated Brooder Stove is one that every one understands and they are safe in every way to operate—just the same as any ordinary kitchen cook stove or parlor heater.

THE INTERNATIONAL SANITARY HOVER CAN BE USED ANYWHERE

It is especially suitable for use in colony brooders; but it can be used with equally good results in a hen house, tent, barn, stable, piano box, or even a dry goods box. It can be picked up and carried around with ease.

The International Sanitary Hover provides 540 square inches of hovering space—200 square inches more than any other hover.

Sanitary Hovers are as practical for the small back-yard poultry raiser as for large poultry plants. They are warmest at the curtain—usable anywhere—ready for business wherever placed. All that is necessary is to place the hover in the colony house and light the lamp. And the easiest way to set it up is to set it down.

No crowding or smothering of chicks—no kneeling in mud or dust to get at the lamp—no cutting of holes or building of platforms.

This hover is constructed of heavy galvanized iron and is always sanitary, for no mites or other vermin can collect around it, as there are no cracks or crevices for them to find shelter. It can be easily cleaned and sprayed when necessary and will last a life-time, and give perfect brooding service every day of that time. It is only necessary to lift the thermometer to ascertain the temperature under the hover. Many of our customers tell us that they raised 94, 96, 98 and some even 100 per cent. of the baby chicks put under the hover. One customer says: "It has the old hen beaten a mile." But while the hover has been built on the principle of the mother hen heat, it has many advantages that the old hen does not have.

Write for illustrated booklet or call and examine the hovers. We shall be pleased to show them to you. Price, complete, \$8.50 each.

INCUBATOR THERMOMETERS.

Many persons using Incubators and Brooders fail to understand the importance of having thoroughly tested and reliable thermometers and oftentimes a fine hatch is lost. Our thermometers are thoroughly tested and accurate. Price 75c.

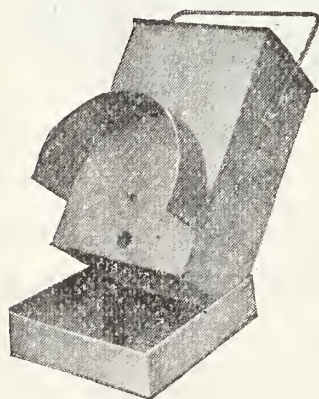
HOTBED THERMOMETERS.

Used for taking temperature of soil. Standard grade. Each, \$1.25.

Poultry Fountains and Feeders

6 in 1 Exerciser and Feeder

The Exerciser and Feeder is just what its name implies. It is a large hopper supported on four strong iron legs and devised to hold all the food necessary for poultry. The center hopper holds the mixed grain food of cracked corn, wheat, Kaffir corn, oats, etc. A little agitator, containing whole corn as bait, is worked by the fowls so it scatters broadcast a small amount each time of the dry grain mixture. The hens hunt and scratch for the grains, thereby getting exercise. Surrounding center hopper are six compartments made to contain dry mash, beef scrap, grit, charcoal, oyster shell, etc. All are easily accessible for the fowls, and machine is so constructed that none of the food can be wasted. This Exerciser Feeder is a time and money saver, for it eliminates all other feeding devices. Price, 40 quart \$4.75; 20 quart \$3.75.



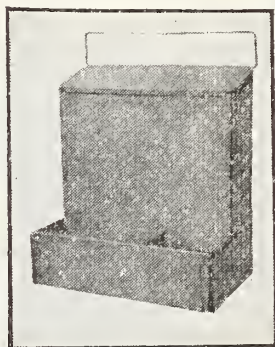
Drop-Bottom Fountains

28 gauge galvanized steel. Easiest thing in the world to open and clean. Clasp by which the bottom is fastened fits over small hole under the hood, preventing slopping of water when the fount is handled. Solid brass

hinge rod—no rust. 2 qt. 45c., 1 gal. 60c., 2 gal. 80c.

Straight-Front Dry-Food Hopper

Has perfectly straight front which causes contents to feed readily without clogging. Lip in front and wire bars keep fowls from wasting food. A big value. Price 70c.

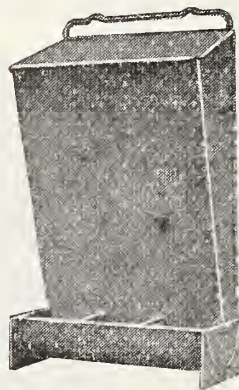


N. W. Fountain and Feeder

Feeds water, grain and grit automatically. Easy to fill and operate. Will fit any size Mason glass jar. No jars furnished by us. Pans are constructed of heavy iron with a double lead coating and will not rust or corrode. Price, 5 inch pan, each 15c.; 6 inch pan, each 20c.

Wall Founts

These Founts have hoods over the troughs, which prevent dirt from settling in the water. Can be hung on the wall, and for this reason are preferred by many to the 2-piece fount, which must be placed on the floor. 1 qt. 30c., 1 gal. 50c., 2 gals. 75c.



Round-Bottom Grit and Shell Box

Round bottom—a feature absolutely new to grit and shell boxes. No clogging of grit and shell in corners. Easily the most satisfactory grit and shell box ever placed on the market. An "H-I" winner for 50c.



2-Piece Drinking Fount

Sanitary and very easy to keep clean. Fine for little chicks

Small, 20 cents.
Medium, 25 cents.
Large, 40 cents.

Keystone Sanitary Fountain

Used with any size Mason jar. Two sizes, each, 20c. and 25c.

DIAMOND EGG CARRIER.

The **Diamond Egg Box** has several advantages over any other box offered for shipping eggs by mail. No box, no matter what its construction, is safe where eggs set on a flat bottom. The V-shaped fillers hold the eggs in suspension and protect them from breakage. No other box has this feature.

The **Diamond Egg Box** can be shipped in the flat, set up on a moment's notice. You can pack a Diamond Egg Box quicker than any other box designed. It is the cheapest, all things considered, offered, and sells for a figure that you can well afford to pay.

Write for prices.

Egg Testers. Used for testing eggs that are to be hatched in an incubator, and it makes a quick candler for farmers and merchants for grading eggs. Price 25c.

Wire Nests. These nests are strongly made from heavy steel wire and will last a lifetime. They are far superior to boxes and will not lice and are always clean. Each 15c., dozen \$1.50.

Opal Egg Nest. Clear white, flint nest eggs; durable. Each 3c., dozen 25c.

Hygieia Nest Egg. Contains a powerful disinfectant which will expel lice and vermin. Each 5c., dozen 50c.

Moe's Self-Locking Leg Band. Simple, durable and rust-proof. Made in sizes for bantams and Americans. Numbered only, 1 to 12, 1 to 25, 1 to 50, 1 to 100. Always give sizes and how bands are to be numbered. Prices, dozen 15c., 25 for 25c., 100 for 85c.

MARKET GARDENERS' BUNCHING MATERIAL.

Rubber Bands. Nos. 6, 7 and 8 used for bunching asparagus, radishes and onions. Price, single pound \$1.60, 5 lbs. \$7.50; prices subject to change without notice.

Cotton String. For bunching. Pound 30c., 5 lb. bag each \$1.35.

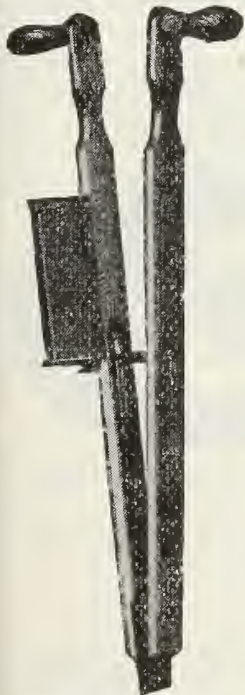
Celery Tape. For bunching celery.

No. 25. Fast red or blue, calendered, per spool of 1,000 yards.....\$2.50

No. 21. Fast red or blue, soft finish, per spool of 1,000 yards..... 2.40

No. 17. Fast red or blue, calendered, per spool of 1,000 yards..... 2.25

No. 17. Heavy Braid. Fast red or fast blue, per spool of 1,000 yards..... 1.50



Triumph Corn Planter.

GARDEN IMPLEMENTS AND REQUISITES.

Acme Corn Planter. A simple, reliable and durable planter. Each \$1.00

Triumph Corn Planter. With pumpkin seed attachment. Each \$1.25

Wire Potato Planter. Light, durable, tubular..... Each \$1.25

Peerless Potato Planter. Galvanized tube, adjustable gauge. Each \$1.25

Cyclone Broadcast Seed Sower. Will sow grass seed, oats, wheat, flax, millet, etc. Readily adjusted to suit any size seed Each \$1.25

Asparagus Knife. Saw tooth edge, will not damage the plant. Weight 1 lb..... Each 35c.

Dibbles. Used for transplanting; steel point. Weight 1 lb.... Each 30c.



Norcross Garden Hoes. Three prongs, weight 2 lbs. Each 50c. Five-prong cultivator hoe. Each 75c.

GARDEN IMPLEMENTS AND REQUISITES (Continued)

Garden Trowel. Solid steel, strong and durable, weight 1 lb. Each 25c.

Florists' Trowel. English pattern, steel, long handle, weight 1 lb. Each 35c.

Ladies' Trowel. 6 inch, weight 1 lb. Each 10c.

Lang's Hand weeder. It is very conveniently used, and fits the hand so comfortably that the fingers are entirely free for use wherever necessary, weight 1 lb. Each 20c.

Christy Weeder. Strong and durable, weight 1 lb. Each 25c.

Weeding Hooks. Hazeltines. Weight 1 lb. Each 20c.

Weeding Hooks. Excelsior. Weight 1 lb. Each 20c.

Weeding Forks. Strong and durable, three prongs, weight 1 lb. Each 25c.

Pruning Shears. Malleable with steel blades, weight 1 lb. Each 60c.

GLAZING MATERIAL.

Twemlows Old English Putty. Semi-liquid. Per gallon \$1.45.

Minnesota Weatherproof Putty. Liquid. Gallon \$1.35, 5 gallons \$1.25.

Putty Distributor. Scollay's rubber, weight 1 lb. Each \$1.00.

Mastica Machines. For applying putty. Each \$1.25.

Glazing Points, Peerless. (Van Reyper's) No. 2½ for double thick glass, weight 1 lb. Per 1,000 65c.

Seibert's Zinc Never Rust Points. One lb. package contains 1,400, weight 2 lbs. ⅝ points, per lb. 40c., 7 lbs. \$2.50.

INSECTICIDES.

Arsenate of Lead. A poison rapidly taking the place of Paris green. Adheres to foliage, does not readily wash off by rain, and will not injure tender foliage. 1 to 2 lbs. to 30 gals. water. Price, 1 lb. tin 30c., 5 lbs. \$1.40.

Bordeaux Mixture. For curing and preventing black rot, mildew, blight, rust, scab and all fungoid diseases on fruits and plants. Price, 1 lb. 25c., 5 lbs. \$1.00

Formaldehyde. For the prevention of smut and other fungous diseases of wheat, barley, oats, potatoes, etc. Price, pt. 35c., qt. 60c., gal. \$2.00.

Grafting Wax. For grafting trees and shrubs. Lb. 35c., ½ lb. 20c.

Hellebore. One of the best insecticides for general use on plants. Destroys leaf eating insects, such as slugs, caterpillars, currant worms, cut worms and rose bugs. Easily used and can be applied either dry or in water. 1 oz. to 2 gals. in water. ¼ lb. 10c., lb. 25c.

Lime Sulphur Solution. For applying when trees are dormant, after leaves have fallen off or before the buds swell in the spring. Used for all scale insects on trees and shrubs and for fungous diseases of the bark, etc. 1 qt. 30c., 1 gal. 55c., 5 gals. \$2.00.

Nico-Fume Liquid. For spraying or fumigating, very effective for green fly and other insects that infest roses, sweet peas and other plants. Price, ¼ lb. 50c., 1 lb. \$1.50, 4 lbs. \$5.50.

Nico-Fume Paper. Tobacco paper insecticide, for fumigating greenhouses. Price, 24 sheets 65c., 144 sheets \$4.00.

Paris Green. Ansbacker's. Excellent for destroying potato bugs and other leaf eating insects. Price, ¼ lb. box 10c., ½ lb. 15c., 1 lb. 25c. Write for prices in large quantities.

Slug Shot. A non-poisonous powder and very popular insecticide. Destroys potato bugs, beetles, green and black fly, slugs, caterpillars, worms, etc. Very effective for cabbage lice and worms. Price, 5 lbs. 35c., 10 lbs. 65c.

Sulphur Candles. Excellent for fumigating. Each 10c., 3 for 25c.

Tobacco Extract. Liquid, free from gum. Destroys plant lice of all kinds; red spiders, sheep ticks, etc. Dilute twenty times or more with water. Price, ½ pt. 40c., pt. 70c.

Whale Oil Soap. Excellent wash for trees and plants where the insects and eggs affect the bark. Price, ½ lb. 10c., 1 lb. 15c.

FERTILIZERS.

Pure Raw Bone Meal. 5 lbs. 25c., 25 lbs. 75c., 100 lbs. \$2.50.

Kainit. German potash salt. Excellent fall dressing for vegetable garden. Price, 25 lbs. 50c., 100 lbs. \$1.50, 200 lbs. \$2.75.

Nitrate of Soda. Should be sown when plants are in growth. Price, 25 lbs. \$1.25, 100 lbs. \$4.00, 500 lbs. \$18.00.

Sheep Manure. This is the best possible fertilizer for the lawn. It should be sprinkled lightly over the lawn. It requires no raking in. Does not have an objectionable odor. When used on the truck garden it produces better and earlier crops. Price, 10 lbs. 25c., 25 lbs. 50c., 50 lbs. \$1.00, 100 lbs. \$1.75, 1,000 lbs. \$12.50, ton \$20.00.

W. H. B. Co's. Lawn Dressing. A complete manure for top dressing of lawns. Odorless, clean and convenient to use. Sow broadcast in early spring, just as the grasses are starting into growth. It will be found of benefit in producing a nice, healthy growth of turf. It is much easier to use than a top dressing of stable manure, which is not only unsightly but fills a lawn with weeds. Price, 10 lbs. 50c., 25 lbs. \$1.00, 100 lbs. \$3.00, 1,000 lbs. \$25.00.



Spraying Tools

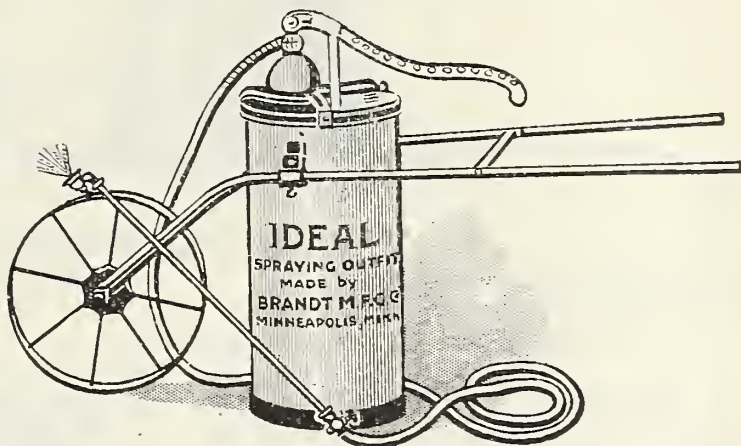
"Ideal" Spraying Outfit.

This outfit has been designed to fill the requirements of the small gardener and fruit grower. It is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest air chamber of any spray pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle.

The pump barrel is $1\frac{3}{4}$ inches in diameter, 7 inches in length. The valves are bronze balls $\frac{5}{8}$ inch in diameter, which allows free passage for the liquids and prevents clogging. Both valves are removable. A pressure of one hundred and fifty pounds can easily be maintained. A mechanical agitator keeps the liquid well stirred. Price, complete, \$20.00.

The Pump Has the Following Equipment

Ten feet $\frac{3}{8}$ inch Pressure Hose. Eight feet Pipe Extension, in two pieces. One Brandt "IDEAL" Nozzle. One Brass Shut-Off Cock. Shipping weight, crated, 60 pounds.

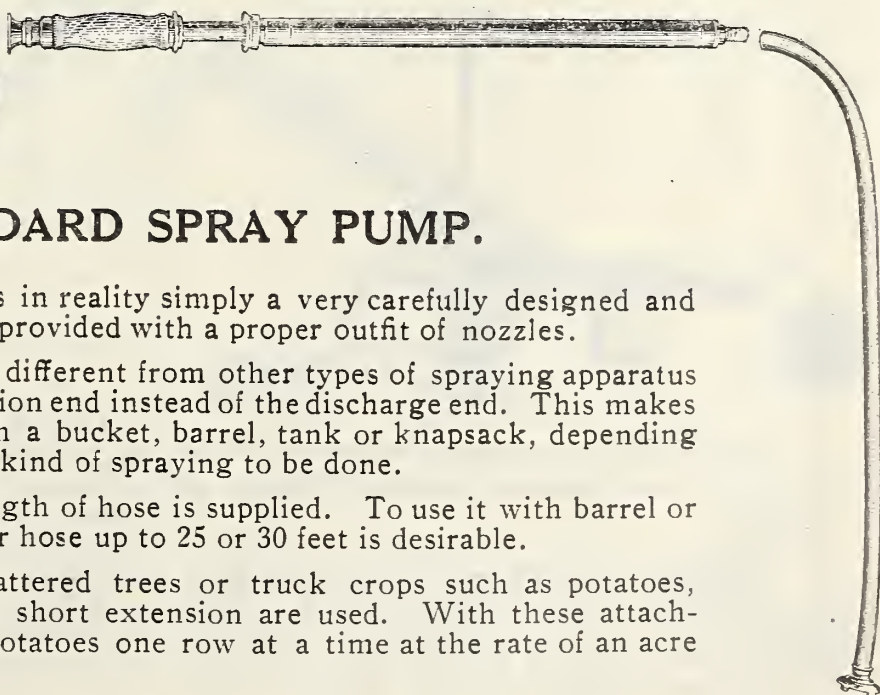
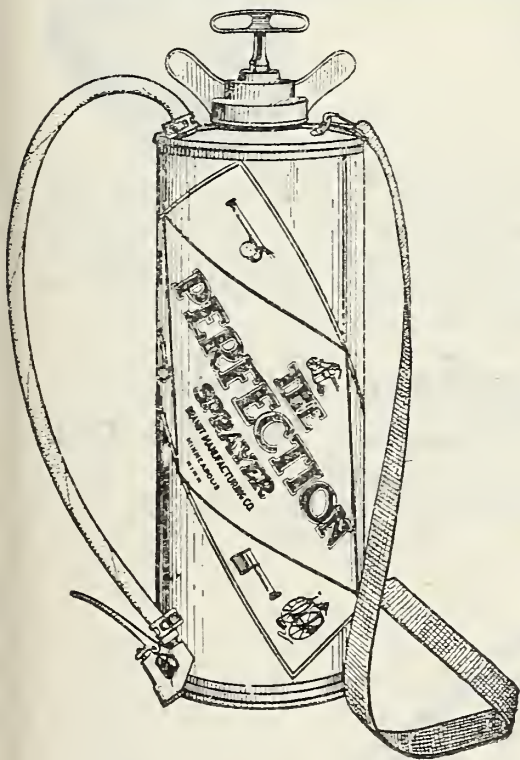


The "Perfection" Sprayer.

This high pressure type is larger and much more powerful than anything in its class, and is as near burst-proof as it can be made. The barrel is $7\frac{1}{2}$ inches in diameter, 20 inches high. The pump is $1\frac{3}{4}$ inch seamless brass tubing. The valves are METAL. The top is fastened like the best makes of fire extinguishers. The hose is 5-ply. The nozzle is of the Automatic type. Capacity of Sprayer, $3\frac{3}{4}$ gallons; weight, $9\frac{1}{2}$ lbs. All sprayers tested to 60 lbs. before leaving factory.

This Sprayer handles whitewash, water, paints, Bordeaux mixtures, etc., perfectly. For whitewash and all heavy mixtures it is necessary to use a W. W. Cap in nozzle, which is furnished with Sprayers.

Price, All Brass, \$7.50; Galvanized, \$5.00.



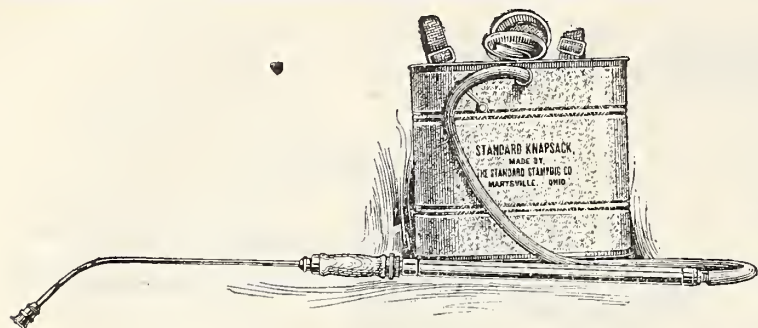
THE STANDARD SPRAY PUMP.

The Standard Spray Pump is in reality simply a very carefully designed and accurately made "Squirt Gun", provided with a proper outfit of nozzles.

Its plan of operation is quite different from other types of spraying apparatus since the hose is used on the suction end instead of the discharge end. This makes it possible to use the pump with a bucket, barrel, tank or knapsack, depending upon the number of trees or the kind of spraying to be done.

For bucket use a $3\frac{1}{2}$ foot length of hose is supplied. To use it with barrel or tank for a large orchard, a longer hose up to 25 or 30 feet is desirable.

For spraying young or scattered trees or truck crops such as potatoes, tobacco, etc., the knapsack and short extension are used. With these attachments, the Standard will spray potatoes one row at a time at the rate of an acre an hour or better.



STANDARD SPRAY PUMP.

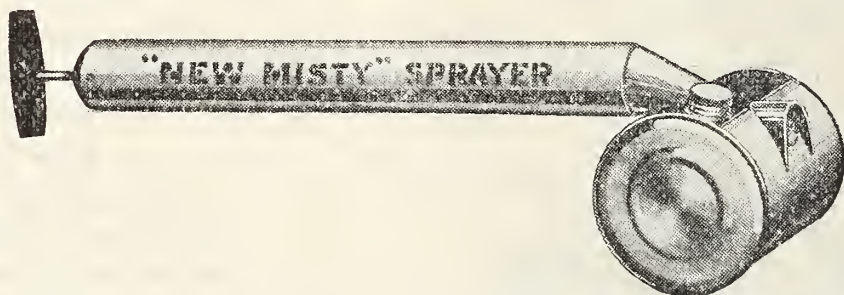
Standard Pump with "Potato"
Extension and No. 3 Nozzle
Attached to Knapsack

What The Standard Will Do.

Spray orchards large or small. Spray Whitewash
Spray vineyards and bushes. Spray Cattle Dip and disinfectants.
Spray potatoes and all truck crops. Spray the tallest fruit trees from the ground.
Saves Over Half the Time and does its work thoroughly.
The Standard is made entirely of brass. No leather packings. No iron castings to rust or decay.
Nothing to Get Out of Order. WARRANTED FOR FIVE YEARS.

Price List--The Standard with 3½ feet of hose and full set of nozzles.....each \$4.50
Knapsack Attachments.....each 2.00
Extensions, 19 in. long, each 50c. Extra hose.....per foot .15

Brandt's "New Misty." A very serviceable single action sprayer. Each 50c.



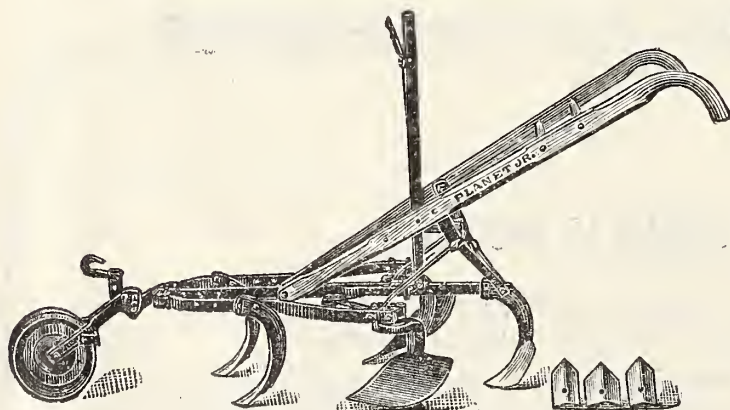
Brandt's "Little Midget." A half-size sprayer, as dependable for strength, durability and usefulness as the regular size. Each 25c.

Powder Bellows. These Bellows are of two sizes, 5½ and 8 inches in diameter. They will effectually throw **Slug Shot** over an apple tree or any other medium-sized tree. For use among bushes they are just the thing, as the nozzle can be inserted into the diseased portion of a bush, thus reaching any worm that may be on the center leaves or branches. The use of these Bellows is an economical mode of applying **Slug Shot** or **Grape Dust**. Small Size, each \$1.50.

Planet Jr. Farm and Garden Tools.

No. 9 Planet Jr. Combined Horse Hoe and Cultivator.

Price, With Steel Wheel, \$8.00.
Weight, Packed, 70 lbs.

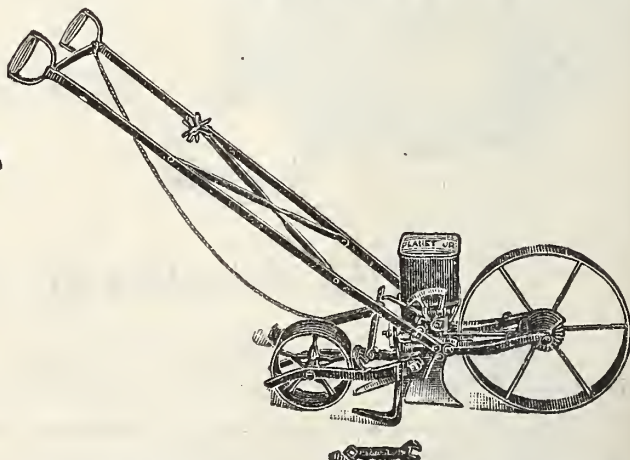


This tool has become popular because of its strength and lightness and easy change of width.

The New Steel Wheel, having no spokes, will not clog with corn stalks, stones or other trash, and little or no sand or dirt can be carried up on the inside of the rim to drop on the bearings.

No. 29 Planet Jr. Hill and Drill Seeder.

Price, \$11.00. Weight 58 lbs.
Steel Handles.



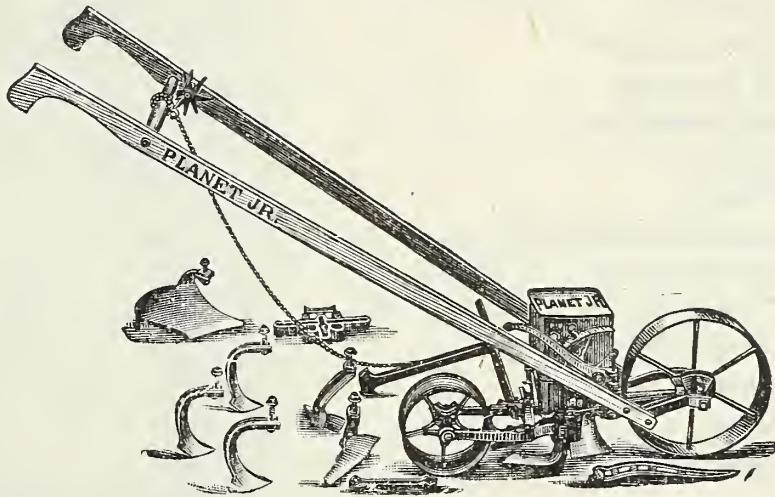
It drops all garden seeds in hills, 4, 6, 8, 12 or 24 inches apart, or sows them in drills with accuracy, opening the furrow, covering, rolling down and marking the next row all at one passage. The seeds drop in sight of the operator, the rear of the spout being open and white.

The Index enables the operator to adjust the flow of seed to the finest point by means of its brass thumbscrew, truly a **hair's breadth at a time** and just what is needed.

CULTIVATORS AND SEEDERS (Continued)

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

Price, Complete, \$10.50. Weight 50 lbs.
As a Seeder Only, \$8.50. Holds 2½ Quarts of Seed.



For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe, with a variety of tools, and a rapid change frame, with side extension for hoeing both sides of a row at one passage.

If your garden is small, you may break it up with the turning plow, running twice in a furrow and as deep as possible; if large, a horse plow should be used or the ground should be well spaded. In seeding, drop beans, parsnips, spinach, carrots, turnips, onions, beets and okra, in hills, sow your peas and celery, cabbage for plants and onion seed for sets in drills.

Plants in hills 4, 6, 8, 12 or 24 inches apart.

ATTACHMENTS.

These attachments will fit the Double and Single Wheel Hoes, except No. 19, and are sold separately, if desired.

| | |
|---|--------|
| Discs, per pair | \$2.25 |
| Three-Prong Cultivator Teeth, per pair, | 1.30 |
| Plows, per pair | 1.10 |
| C. & D. Hoes, complete, 4½ inch, per pair | .80 |
| C. & D. Hoes, complete, 6 inch, per pair | .90 |
| C. & D. Hoes, complete, 7 inch, per pair | 1.00 |
| C. & D. Hoes, complete, 8 inch, per pair | 1.10 |
| Onion Set Plow and Coverer, each | 1.00 |
| Handles, per pair | .70 |

“Planet Jr.” No. 31—Combined Drill Seeder and Wheel Hoe. Price...\$6.50

“Planet Jr.” No. 32—As a Drill Seeder only. Price.....\$4.50

“Planet Jr.” No. 12—Double Wheel Hoe, Cultivator and Plow. Price..\$6.50

“Planet Jr.” No. 13—Double Wheel Hoe. Equipment, one pair 6-inch Hoes. Price.....\$4.25

“Planet Jr.” No. 17½—Single Wheel Hoe, one pair 6-inch Hoes, leaf lifter and set of Cultivator teeth. Price\$4.00

“Planet Jr.” No. 18—One pair 6-inch Hoes only. Price.....\$3.25

“Iron King Seeder”—As a Drill only. The best onion seeder on the market. Price.....\$8.00

“Iron King Double Wheel Cultivator.” Equipped with one pair Hoes. Price.....\$5.00

The New “PLANET JR.” Catalogue is the handsomest, best, and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



Conkey's Poultry Remedies.

The diseases of poultry are much the same as those of the human family. Not only that, but the causes are about the same. They can be traced to unsanitary conditions, improper feeding, impure drinking water, or exposure.

We offer a specific remedy for each disease.

| | |
|---|-------------------------------------|
| Conkey's Roup Remedy. A positive cure | 25c., 50c. and \$1.00 |
| Conkey's Cholera Remedy | 25c. and .50 |
| Conkey's Chicken Pox Remedy | .50 |
| Conkey's Scaly Leg Remedy | .25 |
| Conkey's Bronchitis Remedy | .50 |
| Conkey's Healing Salve | .25 |
| Conkey's Poultry Tonic | 25c. and .50 |
| Conkey's White Diarrhoea Remedy | .25 |
| Conkey's Head Lice Ointment | .25 |
| Conkey's Poultry Laxative | .25 |
| Conkey's Poultry Worm Remedy | .50 |
| Conkey's Gape Remedy | 25c. and .50 |
| Conkey's Lice Powder | 25c., 50c. and 1.00 |
| Conkey's Lice Liquid | quart 35c., gal. 1.00 |
| Conkey's Noxicide | pint 35c., quart 60c. and gal. 1.50 |
| Conkey's Fly Knocker | $\frac{1}{2}$ gal. 60c., gal. 1.00 |
| Lee's Germozone (liquid). One size only | .50 |
| Lee's Lice Powder | .25 |
| Hen Ease. No. 1 Lice Powder | .50 |
| Conkey's Poultry Book. Free to customers for 4c. stamps to cover postage. | |



POULTRY FEEDS.

Prices subject to change, according to market, without notice.

"Sun" Chick Starter. A primary feed for chicks until 20 days old.

5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 100 lbs. \$2.35

Globe Chick Feed. For chicks three weeks old and over.

5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 100 lbs. \$2.25

Globe Scratch Feed (with grit)..... 5 lbs. 20c., 10 lbs. 30c., 25 lbs. 65c., 100 lbs. \$2.00

Beef Scraps..... 5 lbs. 25c., 10 lbs. 45c., 25 lbs. 90c., 100 lbs. \$3.25

Queen Poultry Mash..... 5 lbs. 20c., 10 lbs. 30c., 25 lbs. 65c., 100 lbs. \$2.00

Charcoal. Fine and coarse..... 5 lbs. 20c., 10 lbs. 30c., 25 lbs. 65c., 100 lbs. \$2.00

Mica Grit. Made in three sizes..... 5 lbs. 10c., 10 lbs. 15c., 25 lbs. 25c., 100 lbs. \$0.75

Crushed Oyster Shell..... 5 lbs. 10c., 10 lbs. 15c., 25 lbs. 25c., 100 lbs. \$0.75

Write for prices on poultry feeds in ton lots.

GLADIOLUS



Glory of Holland

| | Each | Doz. | 100 |
|--|--------|----------------|-----------------|
| AMERICA. Soft lavender pink, verylight, almost a tinted white, spikes two and three feet long, very large spreading blooms and luxuriant dark green foliage. When cut it lasts in water a week or more, the blossoms retaining their vigor and delicate coloring to the last..... | \$0.05 | \$0.50 | \$3.00 |
| AUGUSTA. Pure white, with slight pink shade on lower half of the petal, blue anthers; bulb often produces two or more spikes | .05 | .50 | 3.00 |
| BARON HULET. The finest true blue Gladiolus yet known. Flowers thickly set on a tall, strong spike; color velvety purple..... | .10 | 1.00 | 6.00 |
| BRENCHLEYENSIS. An old favorite for massing. Vermillion scarlet. One of the best in cultivation. | .05 | .40 | 2.50 |
| MRS. FRANCIS KING. A fine variety, very large, brilliant vermillion scarlet colored flowers, excellent for cutting..... | .05 | .50 | 3.00 |
| NIAGARA. Of the American type, flowers larger, often 4½ inches across; color a delightful cream shade with the two lower inside petals blending to canary yellow. Flower spikes very erect and stout | .10 | 1.00 | .... |
| PANAMA. The 1914 novelty. Color beautiful dark pink, spike very long with flowers large and well arranged..... | .10 | 1.00 | .... |
| GLORY OF HOLLAND. Earliest white, with faint lavender streaks on lower petals..... | .15 | 1.50 | .... |
| WILLIE WIGMAN. White; pink throat with red blotches on lower petals..... | .15 | 1.25 | .... |
| EMPRESS OF INDIA. Maroon | .10 | 1.00 | ... |
| PRINCEPS. Flowers 4 to 6 inches broad, petals are wide and rounded. Brilliant crimson, white blotches on lower petals..... | .05 | .50 | ... |
| HALLEY. Salmon pink..... | .05 | .50 | .... |
| W. H. B. CO.'S MIXTURE. Composed of the choicest named varieties, including the latest introductions, and contains a great diversity of color..... | \$0.35 | 100 \$2.50 | 1000 \$20.00 |
| LIGHT MIXTURE | | Doz. \$0.25 | 100 \$2.00 |
| YELLOW MIXTURE | | .30 | 2.25 |
| RED MIXTURE | | .25 | 2.00 |

W. H. BOFFERDING CO.
SEEDSMEN
MINNEAPOLIS, MINN.



SHOW DAHLIA

SPECIAL OFFER—CACTUS, PEONY, DECORATIVE
AND SHOW DAHLIAS.

See Page 27 for Description.